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USDA-DHIA SIRE SUMMARY LIST

MAY 1971

AYRSHIRE, GUERNSEY, HOLSTEIN, JERSEY, BROWN SWISS, MILKING SHORTHORN, AND MIXED BREED SIRES

Agricultural Research Service
U. S. Department of Agriculture

This USDA-DHIA Sire Summary List contains the most recent estimates of transmitting ability for milk and fat yield, fat percent, and income on bulls evaluated during the sire summary runs of September 1970, January 1971, and May 1971.

The genetic evaluations are based on yield information on the bulls' daughters which are located in herds participating in the Official Dairy Herd Improvement and Dairy Herd Improvement Registry recordkeeping plans. The information used is obtained by the USDA's Agricultural Research Service (ARS) from Dairy Herd Improvement Associations (DHIA) that are affiliated with the National Cooperative Dairy Herd Improvement Program. This program is described in detail in U.S. Department of Agriculture Handbook No. 278, "National Cooperative Dairy Herd Improvement Program Handbook," copies of which can be obtained from the Office of Information, U.S. Department of Agriculture, Washington, D. C. 20250.

A sire summary book of this type is published annually by ARS following the May sire summary run. It is usually available for distribution around September 1. Since it is an annual publication, no general mailing list is maintained. Dairymen and other interested persons can obtain a copy, as long as supplies last, by contacting the Extension Dairyman advising on dairy cattle breeding at the Agricultural University in their State (see table 8, page xxii) or by writing to the following address: Dairy Herd Improvement Investigations Unit, Building 263, Agricultural Research Center, Beltsville, Maryland 20705. There is no charge for these books.

Persons desiring to obtain maximum benefit from the information contained in this book should read the introductory material prior to attempting to interpret the sire summaries.

USDA-DHIA SIRE SUMMARY LIST, MAY 1971

Containing sire summaries for
Ayrshire, Guernsey, Holstein, Jersey, Brown Swiss, Milking Shorthorn, and Mixed Breed Sires

INTRODUCTORY MATERIAL

by F. N. Dickinson, B. T. McDaniel, and H. D. Norman

This USDA-DHIA Sire Summary List contains information for 350 Ayrshire, 2,844 Guernsey, 9,096 Holstein, 2,546 Jersey, 632 Brown Swiss, 112 Milking Shorthorn, and 1 Mixed Breed sires. May 1971 summaries were compiled from Official DHI and DHIR lactation records received by the Animal Science Research Division, ARS, before April 14, 1971. January 1971 summaries were based on data received before December 18, 1970. September 1970 summaries were based on data received before September 8, 1970.

A sire summary is compiled for a sire when 10 or more of his daughters have lactation data and herdmate records reported. Sires in the following categories are summarized in this publication: (1) Those for which sufficient information was available for the first time, (2) those reported to be active in artificial insemination on January 1, 1971, or later, (3) those for which enough additional information was available to warrant a resummary, and (4) those for which special requests for summaries were received. Details on rules for summarizing and resummarizing sires are given in the Dairy-Herd-Improvement Letter (ARS 44-202), April 1968.

All production records used in USDA-DHIA sire summaries consist of lactation records of 305 days or less that have been standardized to a mature-equivalent (M.E.), twice-a-day milking basis. The age-adjustment factors that were used in standardizing these records considered the effects of breed, geographical region of the United States, and season of calving. (See Dairy-Herd-Improvement Letter (ARS 44-188), February 1967. Separate adjustment factors were used for milk and milk fat.

When more than one lactation was available for a cow, all records for both the daughter and her herdmates were averaged and used to represent her performance.

Incomplete lactation records reported as having been terminated for the following reasons were projected to a 305-day basis by factors that take into account breed, age, milk,and milk fat: at least one valid test followed by two consecutive missed tests; cow sold from the herd; cow died during lactation; lactation ended by an abortion. The projection factors used are shown in the Dairy-Herd-Improvement Letter (ARS 44-164), August 1965.

Records that were deleted and not used in compiling summaries were (1) those coded as complete but less than 180 days in length, (2) those coded as incomplete but less than 15 days in length, (3) those estimated for two or more consecutive test periods, (4) those initiated by abortion. However, incomplete records may not be included for cows that calved before 1959.

Currently reported lactation records were accepted into master files and used in the sire summaries only if the interval from calving date to production run date (April 14, 1971) exceeded 364 days. This lapse-time interval has been tested and shown to be effective in reducing the high incidence of incomplete records in early sire summaries. Records of cows calving after April 14, 1970, were set aside and will be reentered in the next appropriate sire summary.

COMPILATION OF SIRE SUMMARY

The herdmate comparison is useful because it largely removes from the estimate of a sire's breeding value complications arising from herd, year, and season-of-calving variations in production. Herd-year-season yield is based on a 5-month moving average. The appropriate herdmate average for each daughter of a sire is obtained by averaging all records of daughters of other sires calving in the herd in the same month as that daughter, in the previous 2 months, and in the succeeding 2 months (that is, the same herd-year-season). For example,

the herdmate average for a sire's daughter that calved in March is obtained by averaging the production of all cows, except her paternal sisters, that calved in that herd from January through May. However, lactations of cows reported without sire identification were not used as herdmates. All comparisons included in these summaries are on a within-breed-of-sire basis.

Adjusted Herdmate Average

Because the usefulness of the herdmate average is dependent in part on the number of herdmates available, the herdmates' production is adjusted to place the herdmate data on a comparable basis for all daughters. For each individual lactation of a sire's daughter, the herdmates' average is adjusted as follows:

$$\text{AHMA} = (\text{RBYS-Avg.}) + \frac{\text{NHM}}{\text{NHM} + 1} (\text{HMA minus RBYS-Avg.})$$

where: AHMA = Adjusted herdmate average
RBYS-Avg. = Regional breed-year-season average
NHM = Number of herdmates
HMA = Herdmate average

The regional breed-year-season averages were calculated from the 2X, 305-day, M.E., Official DHI and DHIR records of cows calving from January 1, 1950, to April 14, 1970. Three regional groupings are used for Ayrshire and Brown Swiss, four for Guernsey and Jersey, and 14 for Holstein. The averages for Milking Shorthorn and Mixed Breed are based on all cows calving in the United States for the year-season in question. The primary cause of differences in the number of regions used for each breed was the number of lactations available to accurately compute factors. The States comprising each region are shown in table 7 page 21.

Breed Averages

The breed averages used to regress the adjusted herdmate averages in computing sire summaries appearing in this book were compiled from all lactation records of Official DHI and DHIR cows of each breed that calved in 1967 and 1968. These

averages are shown in table 1.

TABLE 1.--Breed averages used for sire summaries in this book on a 2X,305-day,M.E. basis

Breed	Milk	Fat	Fat
	(Lb.)	(%)	(Lb.)
Ayrshire	11,112	3.91	434
Guernsey	9,632	4.64	447
Holstein	13,943	3.61	503
Jersey	8,853	5.00	443
Brown Swiss	12,203	4.02	490
Milking Shorthorn	9,982	3.72	371
Mixed Breed	13,238	3.64	482

Predicted Difference for milk and milk fat yields

The measure of transmitting ability for milk and fat is the Predicted Difference. This value is the expected average deviation of a bull's progeny from their herdmates in breed average herds.

When each daughter of a bull has only one record, the Predicted Difference (PD) is computed as follows:

$$PD = \frac{Nh^2}{4 + (N-1)\,h^2 + \frac{4\Sigma n_i\,(n_i-1)}{N}\,C^2}\,[(\text{Dau. Avg.} - \overline{\text{AHMA}}) + 0.1\,(\overline{\text{AHMA}} - \text{Breed Avg.})]$$

- Adjustment for number of daughters
- Adjustment for distribution of daughters over herds
- Environmental correlation
- Adjustment for herd environment and number of herdmates
- Adjustment for herd genetic level

where: N = Total number of progeny of the bull

n_i = Number of progeny in the i^{th} herd

h^2 = Heritability of milk yield from paternal half-sib estimates in nationwide populations

= 0.19

C^2 = Residual correlations (primarily environmental) among the records of half-sibs in the same herd, when the records are expressed as deviations from herdmates

= 0.14

$\overline{AHMA}$ = Mean of the adjusted herdmate averages associated with records of the bull's daughters used in the summary; Dau. = daughter; and Avg. = average.

When one or more daughters of a bull have multiple records, the value Σw_j is substituted for N in the adjustment for the number of daughters. The Predicted Difference formula then becomes:

$$PD = \frac{\Sigma w_j h^2}{4 + (\Sigma w_j - 1)\, h^2 + \frac{4\Sigma n_i\,(n_i-1)}{N} C^2} [(\text{Dau. Avg.} - \overline{AHMA}) + 0.1\ (\overline{AHMA} - \text{Breed Avg.})]$$

where: $w_j = \frac{n_j R}{R\,[1 + (n_j - 1)\, R]}$ = 1.00 for one record;
1.33 for two records;
1.50 for three records;
1.60 for four records;
1.67 for five records; etc.

R = Repeatability of individual records

= 0.50

n_j = Number of records on the j^{th} cow

Predicted Difference for fat percent

The measure of a bull's transmitting ability for fat percent is the Predicted Difference for fat percent. It is the expected average deviation of a bull's progeny from their herdmates in breed average herds.

It is computed as follows:

$$\text{PD fat \%} = \frac{(\text{PD for fat} + \text{Breed avg.fat}) \times 100}{\text{PD for milk} + \text{Breed avg. milk}} - \text{Breed avg.\% fat}$$

Repeatability of Predicted Differences for milk and milk fat yields

The precision with which Predicted Differences for milk and milk fat yields will estimate a bull's transmitting ability for milk and fat relative to other bulls of that breed depends on the following factors:

(1) Number of daughters in the summary.
(2) Number of herds in which the daughters are located.
(3) The distribution of the daughters among these herds.
(4) Number of lactations per daughter.

The measure of precision of the Predicted Difference is the Repeatability of the sire summaries. This is computed as follows when each daughter in the summary has a single record:

$$\text{Repeatability of a sire summary} = \frac{Nh^2}{4 + (N-1)\,h^2 + \frac{4\Sigma n_i\,(n_i-1)}{N}\,C^2}$$

where: N = Number of daughters in the summary.

h^2 = 0.19 and is the heritability of milk production as developed from nationwide samples of records.

$\frac{\Sigma n_i\ (n_i-1)}{N}$ = The adjustment for distribution of daughters in the herds represented in the sire summary.

n_i = Number of daughters in each herd. If a bull had nine daughters in herd 1, and six daughters in herd 2, $\Sigma n_i\ (n_i-1) = 9\ (8) + 6\ (5)$.

C^2 = 0.14 and is the relationship among half-sisters calving in the same herds because of common environment and certain genetic factors not accounted for by differences among bulls.

When some daughters have multiple records, the Repeatability formula becomes:

$$\frac{\Sigma w_j h^2}{4 + (\Sigma w_i - 1)h^2 + \frac{4\Sigma n_i\ (n_i-1)}{N} C^2}$$

where w_j is the weighting factor described previously and the other terms are the same as described above.

The Repeatability formula is the regression factor that is used to adjust the daughter-herdmate deviation for number of daughters, records per daughter, distribution of daughters in herds, the heritability of milk and milk fat yield, and the within-herd half-sib correlation. The parameters used in computing the Repeatability of sire summaries are based on the best research information presently available. The value of h^2, 0.19, is the same as used by USDA in the past in the equation for adjusting summaries on AI bulls, $\frac{N}{N + 20}$. The value of C^2, 0.14, is based on USDA research with nationwide samples of data.

Effective Daughters Per Herd

The term "effective daughters per herd" is an index of the distribution of daughters over herds in terms of the distribution's effect on the Repeatability of the sire summary. If each daughter were in a separate herd, which is the optimal distribution in terms of the Repeatability or reliability of the sire summary, the effective daughters per herd would be 1.0. Thus the lower the value for effective daughters per herd the more reliable the proof, for a fixed number of progeny. The calculation of effective daughters per herd is based on the herd in which each daughter made her first record. The formula for the effective daughters per herd is:

$$1.0 + \frac{\Sigma n_i(n_i-1)}{N}$$ where n_i and N are defined the same as previously.

When each daughter is not in a different herd, the effective daughters per herd indicates how they are distributed. For instance, assume that a bull has 25 progeny in 5 herds. They can be distributed in any manner from 5, 5, 5, 5, 5, to 21, 1, 1, 1, 1, but this is not shown by the number of daughters and herds. The effective daughters per herd in the first case is 5.0, i.e., 5x5(4)/25 + 1.0, and in the second case is 17.8, i.e., 21(20)/25 + 1.0. Any time the effective daughters deviates much from the average number of daughters per herd, most of the progeny are grouped in one or a few herds. Obviously, when a bull has many daughters in many herds, this parameter does not have much additional value for interpreting the sire summary. It is most useful, however, when evaluating a bull on the basis of a relatively small number of daughters in a few herds.

Weighting Projected Records

It has long been known that the accuracy of projecting a lactation record is proportional to the number of days in

milk. This principle was used to adjust incomplete lactations in this USDA-DHIA Sire Summary List. The procedure is as follows:

Adj. Dau. rec. = AHMA + r_i (Proj. Dau. rec. minus AHMA)

where: r_i = The phenotypic correlation between a record with i months in milk and a 305-day record.

Adj. Dau. rec. = Adjusted Daughter record.

Proj. Dau. rec. = Projected Daughter record (2X, 305-day, M.E.).

AHMA = Adjusted herdmate average.

The phenotypic correlations (r_i) for 2-year-old and for older cows are shown in table 2. As an example of their use, a projected record of 15 to 46 days duration made by a 2-year-old cow would receive only 72 percent as much weight as a complete 305-day lactation.

TABLE 2.--Phenotypic correlations (r_i) between records of i months duration and 305-day lactations

Cows	Months in Milk									
	1	2	3	4	5	6	7	8	9	10
2-yr-olds	0.72	0.83	0.88	0.92	0.94	0.96	0.97	0.98	0.99	1.00
Over 2-yr-olds	.60	.74	.82	.86	.91	.93	.96	.98	.99	1.00

INTERPRETATION OF SIRE SUMMARIES

Predicted Difference for milk and fat and Repeatability

Over a long period of time, the genetic improvement resulting from the bulls used in a herd will be largely dependent on the Predicted Differences (PD) of those bulls.

The PD's are the best available estimates of a bull's transmitting ability for milk and fat. Transmitting ability is defined as one-half of the breeding value. Breeding value, therefore, is measured on the basis of an animal's complete genotype, whereas transmitting ability is a measure of the average worth of a random one-half of the genotype which is present in a sperm or an egg. (USDA-DHIA Cow Index Values are also expressed in terms of transmitting ability.) The Predicted Differences in these sire summaries are computed using the herdmate comparison method. The herdmate comparison has been shown to be effective in reducing environmental influences due to herd, year, and season of calving.

The repeatability value is an index of reliability that tells how sure we are that the Predicted Differences for milk and fat reflect an individual bull's true transmitting ability. A confidence interval can be set about each bull's Predicted Difference indicating the likelihood that the bull's true transmitting ability will fall within these limits. It does not insure that any specific bull's transmitting ability lies within these confidence limits. Instead, it indicates that a certain proportion of all bulls having a specific Predicted Difference and Repeatability will have transmitting abilities which fall within these limits. The greater the Repeatability value, or confidence factor of a summary, the greater the chance that the Predicted Difference is close to the true transmitting ability of the bull for milk and fat yield. The 60 and 80 percent confidence intervals that can be placed about the Predicted Differences for individual bulls of various breeds are given in table 3.

TABLE 3.--60 and 80 percent confidence intervals for Predicted Differences at given repeatability levels

Repeatability	60 percent confidence interval	80 percent confidence interval
%	(Lb.)	(Lb.)
	Brown Swiss and Holsteins:	
20	±414	±630
30	±387	±589
40	±358	±546
50	±327	±498
60	±293	±446
70	±253	±386
80	±207	±315
90	±146	±223
	Ayrshire, Guernsey, Jersey, Milking Shorthorn, and Mixed Breed:	
20	±301	±458
30	±281	±429
40	±261	±397
50	±238	±362
60	±213	±324
70	±184	±281
80	±150	±229
90	±106	±162

As an example of the use of this table, assume a Holstein bull has a Predicted Difference of +800 pounds for milk, with a Repeatability of 70 percent. The 80-percent confidence interval on this Predicted Difference is ±386 pounds. This means that 80 percent of bulls with Predicted Difference of +800 pounds milk and Repeatability of 70 percent will have true transmitting abilities between +414 pounds and +1,186 pounds.

The choice between two bulls with similar Predicted Differences involves less gamble when the bull with the higher Repeatability value is selected. However, one should keep in

mind that Predicted Difference, not Repeatability, determines genetic progress in the long run. Also, because of the sampling nature of inheritance, any one daughter of a bull may deviate widely from the level of performance which would be expected based on her sire's PD. Therefore, a bull's transmitting ability should not be judged from just a single daughter or even on the basis of a very few daughters.

Repeatability values have also been used to construct tables showing the probabilities that bulls with given Predicted Differences are above breed average in transmitting ability. These tables are given in the Dairy-Herd-Improvement Letter (ARS 44-202, pp. 21-23),April 1968.

Tables showing probabilities that one bull is superior to another for various Predicted Differences and Repeatabilities are given in the Dairy-Herd-Improvement Letter (ARS 44-207), December 1968.

Predicted Difference for Income

Even though the transmitting abilities of bulls and cows have been, for the most part, evaluated separately on the basis of milk and fat yield, the economic value of the milk produced depends on both the quantity of milk and its milk solids content. At present in most milk marketing areas of the United States,total income from milk produced depends upon the bulk and the milk fat percentage. For this reason an economic index has been added to each bull's summary to predict gross income in relation to breed average based on the bull's Predicted Differences for milk and fat. This economic value should help to simplify selection among bulls of the same breed. This economic index is based on gross income. Since the relationship between gross income and net income is quite high, selection based on the Predicted Difference for total income should be effective for increasing net income as well.

Predicted Difference for income permits the direct comparisons of individual bulls to breed average in the same manner as do PD's for milk and fat, based on the income expected from their daughters. The income values are computed from 2X,305-day,M.E. production, the same as are PD's for milk and fat.

The average 1970 U.S. prices for milk and milk fat were used to calculate the value of production for individual bulls. 1/ The formula for computing the Predicted Difference for income for a specific bull is:

$$PD_{\$} = (PD_m) \times (M_{\$} - F_{\$} \times B) + (PD_f) \times (F_{\$})$$

where:

$PD_{\$}$ is the Predicted Difference for income in dollars.

PD_m is the Predicted Difference for milk in pounds.

PD_f is the Predicted Difference for fat in pounds.

$M_{\$}$ is the price paid for a unit of milk at the base test; $M_{\$}$ = \$0.055/1b. 1/

$F_{\$}$ is the price paid for a unit of fat; $F_{\$}$ = \$0.83/1b. 1/

B is the base test; B = 0.035. 1/

Substitution of the 1970 U.S. average prices for milk and fat reduces this formula as shown below to the formula which can be used to calculate $PD_{\$}$ for any bull.

$$PD_{\$} = PD_m \times (\$0.055/1b. - \$0.83/1b. \times 0.035) + PD_f \times (\$0.83/1b.)$$

$$= PD_m \times (\$0.055/1b. - 0.02905/1b.) + PD_f \times (\$0.83/1b.)$$

$$= PD_m \times (\$0.02595/1b.) + PD_f \times (\$0.83/1b.)$$

$$= 0.02595\ PD_m + 0.83\ PD_f$$

1/ The average U.S. milk price for 1970 was \$5.50/cwt. for 3.5 percent milk, and the average fat differential was \$0.083/0.1 percent/cwt.
Source: Dairy Situation, Economic Research Service, USDA, DS-334. March 1971.

Example:

Calculate the Predicted Difference for dollar income for a bull having PD's of +1,000 for milk and +30 for fat.

$$PD_{\$} = +1{,}000 \text{ lb.} \times (\$0.02595/\text{lb.}) + 30 \text{ lb.} \times (\$0.83/\text{lb.})$$

$$= \$25.95 + \$24.90$$

$$= \$50.85$$

Predicted Differences for income ($PD_{\$}$) are shown in table 4 for various levels of PD milk and PD fat. These values are based on the 1970 U.S. average prices for milk and fat given above.

A study has shown that evaluating bulls using these average prices resulted in nearly the same ranking of bulls as when the 3.5 percent base milk prices were either $4.50/cwt (manufacturing milk price) or $7.00/cwt (Class I price). The correlations between bulls' Predicted Differences for dollar income (based on average U.S. prices) and gross income from either the manufacturing or Class I prices were above 0.99 for Ayrshire, Guernsey, Holstein, Jersey, and Brown Swiss breeds.

Correlations between PD milk or PD fat with dollar value were lower (0.85 to 0.97). This indicates dollar value at U.S. average prices as a better predictor of economic value for other markets such as manufacturing or Class I than individual PD's for milk or fat.

Very little information is available at present on the ability of individual bulls to transmit higher protein or solids-not-fat content. Such information will be incorporated into Predicted Differences for income at some later time when milk pricing is based on these components, and an evaluation on individual bulls for these traits becomes available.

TABLE 4. THE ADDITIONAL VALUE OF MILK EXPECTED OF THE DAUGHTERS OF BULLS OR COWS ACCORDING TO PREDICTED DIFFERENCES OR COW INDEXES FOR MILK AND FAT (BASED ON A PRICE OF $5.50 PER HUNDRED POUNDS OF MILK HAVING 3.5% FAT AND A DIFFERENTIAL OF $0.083 PER 0.1% PER CWT.)

	PREDICTED DIFFERENCE OR COW INDEX FOR FAT (LBS.)												
PRED.DIFF. OR COW INDEX FOR MILK (LBS.)	-10	0	5	10	15	20	25	30	35	40	50	60	70
	DOLLAR DEVIATION FROM BREED AVERAGE												
-400	-18.68	-10.38	-6.23	-2.08	2.07	6.22	10.37	14.52	18.67	22.82	31.12	39.42	47.72
-300	-16.08	-7.79	-3.64	0.51	4.66	8.81	12.96	17.11	21.26	25.41	33.71	42.01	50.31
-200	-13.49	-5.19	-1.04	3.11	7.26	11.41	15.56	19.71	23.86	28.01	36.31	44.61	52.91
-100	-10.89	-2.60	1.55	5.70	9.85	14.00	18.15	22.30	26.45	30.60	38.90	47.20	55.50
0	-8.30	0.0	4.15	8.30	12.45	16.60	20.75	24.90	29.05	33.20	41.50	49.80	58.10
100	-5.70	2.60	6.74	10.89	15.04	19.19	23.34	27.49	31.64	35.79	44.09	52.39	60.69
200	-3.11	5.19	9.34	13.49	17.64	21.79	25.94	30.09	34.24	38.39	46.69	54.99	63.29
300	-0.51	7.79	11.93	16.08	20.23	24.38	28.53	32.68	36.83	40.98	49.28	57.58	65.88
400	2.08	10.38	14.53	18.68	22.83	26.98	31.13	35.28	39.43	43.58	51.88	60.18	68.48
500	4.68	12.98	17.13	21.27	25.42	29.57	33.72	37.87	42.02	46.17	54.47	62.77	71.07
600	7.27	15.57	19.72	23.87	28.02	32.17	36.32	40.47	44.62	48.77	57.07	65.37	73.67
700	9.86	18.16	22.31	26.46	30.61	34.76	38.91	43.06	47.21	51.36	59.66	67.96	76.26
800	12.46	20.76	24.91	29.06	33.21	37.36	41.51	45.66	49.81	53.96	62.26	70.56	78.86
900	15.06	23.35	27.50	31.65	35.80	39.95	44.10	48.25	52.40	56.55	64.85	73.15	81.45
1000	17.65	25.95	30.10	34.25	38.40	42.55	46.70	50.85	55.00	59.15	67.45	75.75	84.05
1100	20.24	28.54	32.69	36.84	40.99	45.14	49.29	53.44	57.59	61.74	70.04	78.34	86.64
1200	22.84	31.14	35.29	39.44	43.59	47.74	51.89	56.04	60.19	64.34	72.64	80.94	89.24
1300	25.43	33.74	37.88	42.03	46.18	50.33	54.48	58.63	62.78	66.93	75.23	83.53	91.83
1400	28.03	36.33	40.48	44.63	48.78	52.93	57.08	61.23	65.38	69.53	77.83	86.13	94.43
1500	30.63	38.93	43.07	47.22	51.38	55.52	59.67	63.82	67.97	72.12	80.42	88.72	97.02
1600	33.22	41.52	45.67	49.82	53.97	58.12	62.27	66.42	70.57	74.72	83.02	91.32	99.62
1700	35.82	44.12	48.26	52.41	56.57	60.71	64.86	69.01	73.16	77.31	85.61	93.91	102.21
1800	38.41	46.71	50.86	55.01	59.16	63.31	67.46	71.61	75.76	79.91	88.21	96.51	104.81
1900	41.00	49.30	53.45	57.60	61.75	65.90	70.05	74.20	78.35	82.50	90.80	99.10	107.40
2000	43.60	51.90	56.05	60.20	64.35	68.50	72.65	76.80	80.95	85.10	93.40	101.70	110.00
2100	46.19	54.49	58.64	62.79	66.94	71.09	75.24	79.39	83.54	87.69	95.99	104.29	112.59
2200	48.79	57.09	61.24	65.39	69.54	73.69	77.84	81.99	86.14	90.29	98.59	106.89	115.19
2300	51.38	59.68	63.83	67.98	72.13	76.28	80.43	84.58	88.73	92.88	101.18	109.48	117.78
2400	53.98	62.28	66.43	70.58	74.73	78.88	83.03	87.18	91.33	95.48	103.78	112.08	120.38
2500	56.57	64.88	69.02	73.17	77.32	81.47	85.62	89.77	93.92	98.07	106.37	114.67	122.97

Additional information on the sire summaries

Situations occasionally arise which can cause a sire summary to be an inaccurate estimate of a bull's transmitting ability. Some of these are: Preferential treatment of daughters over their herdmates; daughters of only one or a very few bulls represented among the herdmates; none or a few herdmates of the same age as the daughters of the bull; or a selected sample of the bull's daughters available for the summary. These situations are most likely to occur among bulls with low Repeatabilities (17 to 40 percent), although they can occur sometimes in bulls with moderate Repeatabilities (40 to 70 percent). For these reasons, dairymen are cautioned against breeding a large part of their herd to any single low Repeatability bull.

The presence of ** in percent incomplete first lactation (inc.%) indicates that fewer than one-half of a bull's daughters have had first records reported. This frequently means that a selected sample of daughters has been reported. Therefore, the summary of a bull with ** incomplete first lactations should be interpreted with caution.

The State codes used in the National Cooperative Dairy Herd Improvement Program are shown in table 5. These codes can be used to determine States in which daughters of bulls are located.

When a bull is, or has been, in an AI stud, the USDA-DHIA Sire Summary List shows the sire's AI stud number, or the last organization that owned him. The list of AI organizations that have operated in the United States in recent years is shown in table 6, which has been compiled from reports received by Animal Science Research Division, ARS. Some organizations listed in table 6 may no longer exist but are referred to because the sires they owned are summarized. An asterisk (*) preceding the name of an AI organization indicates that the organization was reported as being active on January 1, 1971. The State and AI organization codes together make up the sire's stud identification number.

The format of the sire summaries is explained in figure 1. The location and meaning of each item of data are given.

FIGURE 1.--FORMAT OF SIRE SUMMARIES CONTAINED IN THIS BOOK

REGISTRATION NUMBER	NAME OF BULL				STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	.....DAUGHTERS AND HERDMATES..... DAUS HM/DAU	REC/DAU HERDMATE	MILK MILK	% %	FAT FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
a	b				g h	i	j	k	l	n	o	p	q	u	v	w	x	y	z
126159	BRISKLEA COMMODORE....				* 21-10	49	1	9-11,12,	90	1.7	12,329	3.86	476	17	81	+500	-.06	+12	+23
c	d	e	f						m		r	s	t						
10-01-62	117936	612884	9-70					13,21,23	28		11,751	3.95	464						

a Registration number

b Registration name

c Bull's birth date

d Registration number of sire of bull

e Registration number of dam of bull

f Date of summary

g Presence of an asterisk indicates that 51 percent or more of progeny in the summary were registered

h AI stud in which bull is located (See table 6)

i Number of herds in which the daughters are located

j Effective distribution of daughters per herd

k Number of States in which progeny are located, followed by a list of States (up to five) having the highest number of daughters (See table 5)

l Number of daughters having herdmates

m Average number of herdmates per daughter

n Average number of records per daughter

o Daughters' average milk (305d.-2X-M.E.),lb.

p Daughters' percent fat (305d.-2X-M.E.)

q Daughters' average fat (305d.-2X-M.E.),lb.

r Adjusted herdmate average milk, lb.

s Adjusted herdmate percent fat

t Adjusted herdmate average fat, lb.

u Percent of first lactation progeny with incomplete records (**if first lactations not available on 50 percent or more of progeny)

v Repeatability of this summary in percent

w Predicted Difference for milk, lb.

x Predicted Difference for percent fat

y Predicted Difference for fat, lb.

z Predicted Difference for gross income, dollars

TABLE 5.--State codes used in the National Cooperative Dairy Herd Improvement Program

11	Maine	55	North Carolina
12	New Hampshire	56	South Carolina
13	Vermont	57	Georgia
14	Massachusetts	58	Florida
15	Rhode Island	61	Kentucky
16	Connecticut	63	Tennessee
21	New York	64	Alabama
22	New Jersey	65	Mississippi
23	Pennsylvania	71	Arkansas
31	Ohio	72	Louisiana
32	Indiana	73	Oklahoma
33	Illinois	74	Texas
34	Michigan	81	Montana
35	Wisconsin	82	Idaho
41	Minnesota	83	Wyoming
42	Iowa	84	Colorado
43	Missouri	85	New Mexico
45	North Dakota	86	Arizona
46	South Dakota	87	Utah
47	Nebraska	88	Nevada
48	Kansas	91	Washington
50	Delaware	92	Oregon
51	Maryland	93	California
52	Virginia	94	Puerto Rico
54	West Virginia	95	Hawaii
		96	Alaska

TABLE 6.--Location, code number, and name of artificial breeding organizations in the United States

LOCATION			AI ORGANIZATION	LOCATION			AI ORGANIZATION
STATE	STATE CODE	AI STUD CODE	NAME AND ADDRESS	STATE	STATE CODE	AI STUD CODE	NAME AND ADDRESS
MAINE	11	01	Maine Breeding Cooperative, Inc.	MARYLAND	51	02	Maryland-West Virginia Bull Stud
NEW HAMPSHIRE	12	03	New Hampshire-Vermont Breeding Assn.	VIRGINIA	52	01	Virginia Animal Breeders Association, Inc.
CONNECTICUT	16	04	New England Selective Breeding Association, Inc.	NORTH CAROLINA	55	01	*N.C. Institutional Breeding Association, 231 Polk Hall, N.C. State University, Raleigh 27607
CONNECTICUT	16	07	*Herdsman, Box 391, Putnam 06260				
NEW YORK	21	01	New York ABC, Inc.				
NEW YORK	21	10	*Eastern Artificial Insemination Co-op., Inc., P.O. Box 518, Ithaca, 14850	SOUTH CAROLINA	56	02	Chester Co-op. ABA
				KENTUCKY	61	01	Kentucky Artificial Breeding Association
NEW JERSEY	22	01	Sussex Co-op. Breeding Assn., Inc.	KENTUCKY	61	02	*Select Sires, Inc., 1224 Alton-Darby Road, Columbus, Ohio 43228
NEW JERSEY	22	03	New Jersey Cooperative Breeders Association, Inc.				
				TENNESSEE	63	01	East Tennessee ABA
PENNSYLVANIA	23	01	Zimmerman Dairy Farm	TENNESSEE	63	02	Tennessee Artificial Breeding Association
PENNSYLVANIA	23	02	First Pennsylvania ABC				
PENNSYLVANIA	23	04	NEPA Artificial Breeding Cooperative	TENNESSEE	63	03	*West Tennessee Artificial Breeding Association, Box 38, Yorkville 38389
PENNSYLVANIA	23	05	Western Pennsylvania ABC				
PENNSYLVANIA	23	07	Lehigh Valley Co-op. Farmers				
PENNSYLVANIA	23	08	Southeastern Pennsylvania ABC				
PENNSYLVANIA	23	09	*Atlantic Breeders Co-op., Box 254, Lancaster 17604	MISSISSIPPI	65	02	Miss. Animal Breeders Co-op.
PENNSYLVANIA	23	11	Northeastern Breeders Association	LOUISIANA	72	01	*Louisiana Animal Breeders Co-op. Inc., Box B.D., LSU, Baton Rouge 70803
PENNSYLVANIA	23	13	*Sire Power, Inc., R.D. 2, Tunkhannock 18657				
OHIO	31	01	Central Ohio Breeding Association	TEXAS	74	01	Texas A & M Dairy Breeding Center
OHIO	31	02	*NOBA, Inc., Rt. 4, P.O. Box 607, Tiffin 44883	COLORADO	84	01	Colorado State University ABS
INDIANA	32	02	John A. Newman & Sons	ARIZONA	86	02	EADS Cattle Breeding Service
ILLINOIS	33	01	Northern Illinois Breeding Co-op.	UTAH	87	01	Cache Valley Breeding Association
ILLINOIS	33	02	Southern Illinois Breeding Association	WASHINGTON	91	01	Evergreen Northwest Breeders, Inc.
				WASHINGTON	91	10	W. De Jongs Supreme Bull Service
ILLINOIS	33	03	*Curtiss Breeding Service, Inc., Cary 60013	WASHINGTON	91	11	*Carnation Farms Breeding Service, Washington Unit, Carnation, Washington 98014
MICHIGAN	34	01	Michigan Animal Breeders Co-op. Inc.				
MICHIGAN	34	07	*General Genetics, P.O. Box 23, Jenison 49428				Wisconsin Unit, P.O. Box 437, Watertown, Wisconsin 53094
WISCONSIN	35	01	Associated Breeding Service				Iowa Unit, P. O. Box N, Hiawatha, Iowa 52233
WISCONSIN	35	02	Badger Breeders Cooperative				
WISCONSIN	35	03	*East Central Breeders Association Co-op., P.O. Box 191, Waupun 53963	WASHINGTON	91	13	*All West Breeders, Box 197, Burlington 98233
WISCONSIN	35	04	Piper Brothers Farms, Inc.				
WISCONSIN	35	05	*Tri-State Breeders Co-op., Westby 54667	OREGON	92	01	Oregon Breeders Association
WISCONSIN	35	06	Southern Wisconsin Co-op. ABA	CALIFORNIA	93	01	California Dairy Breeders, Inc.
WISCONSIN	35	21	*Midwest Breeders Co-op., P.O. Box 469, Shawano 54166	CALIFORNIA	93	02	*Adohr Farms Inseminating Service, Rt. 1, P.O. Box 88, Camarillo 93010
WISCONSIN	35	75	*American Breeders Service, Inc., De Forest 53532	CALIFORNIA	93	03	*Excelsior Breeding Service, Rt. 1, 7401 Adams Ave., Corona 91720
				CALIFORNIA	93	05	Jessup Breeders
MINNESOTA	41	01	*Minnesota Valley Breeders Association, New Prague 56071	CALIFORNIA	93	10	Pacific Breeders Co-op.
MINNESOTA	41	04	Consolidated Breeders Co-op.	CALIFORNIA	93	15	Diamond J Breeders
MINNESOTA	41	25	Midwest Genes, Inc.	CALIFORNIA	93	16	*Genetics, Inc., P.O. Box 938, Hughson 95326
IOWA	42	02	Eastern Iowa Breeders	PUERTO RICO	94	01	*Puerto Rico Artificial Insemination Center, P.O. Box 726, Dorado 00646
IOWA	42	08	Iowa Breeders Co-op.				
MISSOURI	43	02	M. F. A. ABA				
NEBRASKA	47	01	Nebraska Dairy Breeders	HAWAII	95	03	Haleakala Ranch Dairy Farm
KANSAS	48	01	*Kansas ABS Unit, Anderson Hall, Kansas State University, Manhattan 66502	ALASKA	96	01	*Matanuska Valley Breeders Association, P.O. Box AE, Palmer 99645

*Indicates those AI organizations reported as active.

TABLE 7.--Grouping of States used in regional breed-year-season averages [1/]

REGION NUMBER	STATES
	GUERNSEY AND JERSEY
1	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, and Pennsylvania
2	Indiana, Illinois, Ohio, Michigan, Wisconsin, Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kansas
3	Delaware, Maryland, Virginia, West Virginia, Kentucky, Tennessee, North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Louisiana, Arkansas, Oklahoma, and Texas
4	Idaho, Wyoming, Montana, Colorado, New Mexico, Arizona, Utah, Nevada, Washington, Oregon, California, Alaska, and Hawaii
	HOLSTEIN
1	Maine, New Hampshire, Vermont, Maschusetts, and Rhode Island
2	Connecticut and New York
3	New Jersey and Pennsylvania
4	Indiana and Illinois
5	Ohio and Michigan
6	Wisconsin
7	Minnesota
8	Iowa and Missouri
9	North Dakota, South Dakota, Nebraska, Kansas, Oklahoma, and Texas
10	Delaware, Maryland, and Virginia
11	Kentucky, Tennessee, North Carolina, and West Virginia
12	South Carolina, Georgia, Florida, Alabama, Mississippi, Louisiana, and Arkansas
13	Idaho, Wyoming, Montana, Colorado, New Mexico, Arizona, Utah, Nevada, Washington, Oregon, Alaska, and Hawaii
14	California
	AYRSHIRE AND BROWN SWISS
1	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, Pennsylvania, Idaho, Wyoming, Montana, Colorado, New Mexico, Arizona, Utah, Nevada, Washington, Oregon, California, Alaska, and Hawaii
2	Indiana, Illinois, Ohio, Michigan, Wisconsin, Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kansas
3	Delaware, Maryland, Virginia, West Virginia, Kentucky, Tennessee, North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Louisiana, Arkansas, Oklahoma, and Texas

1/ Nationwide averages were used for the Milking Shorthorn, Red Dane, and Red Poll breeds, and mixed breed cows because of the limited number of observations available.

TABLE 8.--Extension Dairymen advising on Dairy Cattle Breeding Programs in each State as of January 1, 1971

Ala------ R. S. Jones, Jr., Dairy Science Dept., Auburn University, Auburn 36830.
Alaska--- A. L. Brundage, Experiment Station Research Staff, University of Alaska, Palmer 99645.
Ariz----- W. R. Van Sant, Dept. of Dairy Science, University of Arizona, Tucson 85721.
Ark------ L. Ratcliff, Animal Industry & Veterinary Science Dept., University of Arkansas, Little Rock 72203.
Calif---- F. D. Murrill, Animal Science Bldg., University of California, Davis 95616.
Colo----- D. C. Jordan, Animal Science Dept., Colorado State University, Fort Collins 80521.
Conn----- R. H. Benson, Animal Industries Dept., University of Connecticut, Storrs 06268.
Del------ W. R. Hesseltine, College of Agr. Sciences, University of Delaware, Newark 19711.
Fla------ C. W. Reaves, Dairy Science Bldg., University of Florida, Gainesville 32601.
Ga------- J. N. Maddux, Animal Industry Division, University of Georgia, Athens 30601.
Hawaii--- H. R. Donoho, Animal Science Dept., University of Hawaii, Honolulu 96822.
Idaho---- G. W. Cleveland, Dairy Science Dept., University of Idaho, P.O. Box 300, Boise 83701.
Ill------ R. V. Johnson, Dairy Science Dept., University of Illinois, Urbana 61803.
Ind------ N. J. Moeller, Dept. of Animal Sciences, Purdue University, Lafayette 47907.
Iowa----- B. R. Eastwood, Animal and Dairy Science Dept., Iowa State University, Ames 50010.
Kans----- E. R. Bonewitz, Dairy Science Dept., Kansas State University, Manhattan 66504.
Ky------- J. H. Nicolai, Jr., Dairy Production Dept., University of Kentucky, Lexington 40506.
La------- H. W. Anderson, La. Agr. Extension Service, Louisiana State University, Baton Rouge 70803.
Maine---- C. K. Walker, Animal Science Dept., University of Maine, Orono 04473.
Md------- D. T. Buchman, Dairy Science Dept., University of Maryland, College Park 20742.
Mass----- S. N. Gaunt, Veterinary and Animal Sciences Dept., University of Massachusetts, Amherst 01003.
Mich----- C. E. Meadows, Dairy Genetics and Breeding, Michigan State University, East Lansing 48823.
Minn----- B. J. Conlin, Dept. of Animal Science, University of Minnesota, St. Paul 55101.
Miss----- G. B. Crain, Dairy Science Dept., Mississippi State University, State College 39762.
Mo------- R. Ricketts, Dairy Husbandry Dept., University of Missouri, Columbia 65202.
Mont----- B. R. Moss, Dept. of Animal Science and Range Management, Montana State University, Bozeman 59715.
Nebr----- P. H. Cole, Dairy Science Dept., University of Nebraska, Lincoln 68503.
Nev------ H. P. Adams, Animal Science Dept., University of Nevada, Reno 89507.
N. H----- T. P. Fairchild, Animal Science Dept., University of New Hampshire, Durham 03824.
N. J----- E. T. Oleskie, Animal Science Dept., Rutgers University, New Brunswick 08903.
N. Mex--- J. B. Ells, Dairy Dept., New Mexico State University, University Park 88070.
N. Y----- H. W. Carter, Animal Husbandry Dept., Cornell University, Ithaca 14850.
N. C----- F. D. Sargent, Animal Science Dept., North Carolina State University, Raleigh 27607.
N. Dak--- G. R. Fisher, Dairy Husbandry Dept., North Dakota State University, Fargo 58103.
Ohio----- C. D. McGrew, Dairy Science Dept., Ohio State University, Columbus 43210.
Okla----- C. H. Burton, Dept. of Dairying, Oklahoma State University, Stillwater 74074.
Oreg----- D. E. Anderson, Animal Science Dept., Oregon State University, Corvallis 97331.
Pa------- L. W. Specht, Dairy Science Dept., Pennsylvania State University, University Park 16802.
P. R----- C. A. Calderon, Animal Husbandry Dept., University of Puerto Rico, Rio Piedras 00928.
R. I----- J. W. Atwood, Dairy Science Dept., University of Rhode Island, Kingston 02881.
S. C----- W. L. Northern, Dairy Science Dept., Clemson University, Clemson 29631.
S. Dak--- E. J. Kleen, Dairy Science Dept., South Dakota State University, Brookings 57007.
Tenn----- C. K. Chappell, Dairy Dept., University of Tennessee, Knoxville 37916.
Tex------ A. M. Meekma, Dairy Science Dept., Texas A & M University, College Station 77843.
Utah----- J. J. Barnard, Dairy Industry Dept., Utah State University, Logan 84321.
Vt------- S. Gibson, Animal and Dairy Science Dept., University of Vermont, Burlington 05401.
Va------- W. N. Patterson, Dairy Science Dept., Virginia Polytechnic Institute, Blacksburg 24061.
Wash----- B. F. Kelso, W. W. Research and Extension Center, Puyallup 98371.
W. Va---- R. O. Kelley, Animal Industry and Veterinary Science Dept., West Virginia University, Morgantown 26506.
Wis------ E. E. Starkey, Dairy Science Dept., University of Wisconsin, Madison 53706.
Wyo------ R. H. Anderson, Division of Animal Science, University of Wyoming, Laramie 82071.

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK MILK	% %	FAT FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
87190 BALSAM LODGE RODERICK DHU, IMP*	31-D1	11	1	5-14,31,	12	1.7	9,479	3.96	375	**	42	-186	+.03	-4	-8
D3-23-44 76331 312225 5-71				32,41,55	11		9,798	3.89	381						
92562 SCOTCH HAVEN THORN MAN.....*	51-02	39	6	9-5D,51,	12D	2.8	1D,389	3.90	4D5	17	83	+81	-.04	-1	+1
D1-24-48 66191 264483 5-71				52,54,63	13		1D,2DD	3.97	4D5						
96339 WINDROW CHIEF TOPIC.....*	35-75	91	4	28-13,21,	168	2.8	1D,275	3.75	385	**	89	-136	-.13	-2D	-20
01-02-49 57746 161427 5-71				23,55,91	13		1D,353	3.92	4D6						
97587 MEDFORD TIMIO MICKEY.....*	48-01	49	6	1D-33,42,	147	2.6	1D,696	4.13	442	16	85	+144	+.12	+19	+20
01-D1-49 55440 338833 5-71				48,63,73	10		10,460	4.0D	418						
10D253 WINDROW PAR TEODY.....*	12-D3	26	11	6-12,13,	9D	3.3	10,684	4.0D	427	8	73	-1D1	+.04	0	-3
D1-D5-50 57746 294020 5-71				14,16,55	23		10,792	3.96	427						
106891 CAERLAVEROCK P FLASH.....*		12	12	6-23,5D,	34	1.9	1D,381	4.07	423	**	43	-56	+.03	+1	-1
01-19-52 79374 42672D 5-71				51,52,58	22		10,447	4.0D	418						
107596 ALAMO CREST BABE RUTH.....*	42-02	17	9	4-33,42,	57	2.8	10,854	3.81	414	11	65	+121	-.D7	-3	+1
09-24-51 77328 294429 5-71				73,93	10		10,618	3.94	418						
107841 VISTA GRANDE PEDRO.....*	41-D1	15	5	4-41,42,	36	1.9	1D,154	3.89	395	14	59	-82	-.04	-8	-9
D4-14-52 91586 385958 1-71				45,51	11		10,206	3.99	4D7						
107957 BLOSSOM-S PANCHO.....*	12-03	123	10	16-11,12,	438	3.D	11,08D	3.98	441	2D	93	-124	+.D3	-2	-5
04-02-52 63147 3D4258 5-71				13,14,16	15		11,226	3.96	445						
109060 WINDROW STORMY-S CLASSIC.....*	23-11	29	5	2-23,51	79	2.7	10,57D	4.11	434	18	77	+72	+.D6	+1D	+1D
10-24-52 84158 4D2247 5-71					21		10,406	4.03	419						
110432 WOODHULL HARMONY PRINCE.....*	41-D1	35	6	7-35,41,	78	2.2	10,660	3.99	425	12	75	-196	+.D5	-2	-7
05-17-53 77392 249276 5-71				42,47,51	13		10,901	3.94	429						
111D11 WINDROW GLORY-S PRIDE.....*	34-01	9	16	4-32,34,	43	3.4	12,104	3.87	468	19	49	+214	-.06	+2	+7
D6-3D-53 10D488 329845 5-71				51,65	11		11,729	3.98	467						
1112D9 VISTA GRANDE ROYALTY.....*	23-05	36	7	9-14,16,	90	2.6	1D,245	3.87	396	9	76	-278	-.08	-19	-23
11-03-53 104344 388435 5-71				21,23,63	22		10,559	3.99	421						
113169 STRATHGLASS LIVELY LAD.....*		9	15	4-11,13,	35	3.0	9,949	3.97	395	**	45	-485	+.03	-16	-26
11-18-54 96570 387483 5-71				41,42	26		11,015	3.93	433						
113228 CHET-AYR RARE NIXON.....*		10	12	6-41,42,	52	2.1	9,319	4.02	375	**	57	-115	+.03	-1	-4
12-10-54 88074 336926 5-71				47,48,63	16		9,348	3.98	372						
113230 TORA-S MAN O-WAR OF C.B.....*	23-04	18	3	2-14,23	33	2.5	10,112	4.06	411	**	64	-234	+.05	-4	-9
10-21-54 62636 423198 5-71					21		10,411	4.01	418						
113342 LIPPITT GENERAL M.....*	34-01	14	4	6-14,23,	23	2.6	11,623	4.16	484	15	52	-39	+.06	+5	+3
11-15-54 91883 294658 5-71				32,34,52	14		11,766	4.06	478						
113384 WINDROW SILVER GIFT.....*		19	5	12-31,33,	41	2.5	11,534	4.40	508	4	63	-316	+.24	+14	+3
10-02-54 84158 346220 5-71				34,52,65	19		12,140	4.04	491						
113986 REIOINA COR-S BRIGHT STAR.....*	35-75	68	26	20-13,14,	208	2.1	11,588	4.11	476	15	74	-122	+.06	+2	-2
11-30-54 107810 408729 5-71				23,34,65	39		11,827	4.04	478						
114345 MACKAYR SUPER WHITEY.....*		10	2	3-23,33,	16	2.8	10,768	4.01	432	10	49	-527	+.D4	-16	-27
11-08-54 103949 442353 5-71				57	11		11,938	3.94	470						
114736 PEP-AYR TIMOTHY.....*		1	19	1-23	19	4.2	9,255	4.13	382	0	28	-3	+.04	+4	+3
D5-15-55 62636 450536 5-71					93		9,065	3.97	360						
114914 LAMB-S PHETT-S TRIUMPHANT BTH.*	42-02	6	11	2-42,73	29	2.5	10,885	3.81	415	22	44	+65	-.02	0	+2
10-11-55 107718 432813 5-71					11		10,694	3.88	415						
115077 LIPPITT THISTLEMAN.....*	93-01	14	21	6-35,41,	58	2.3	11,985	3.81	457	16	48	-243	-.01	-11	-15
10-29-55 91883 332870 5-71				42,91,93	34		12,643	3.85	487						
115433 GOOD HOPE JOSHUA.....*		6	3	2-13,21	12	2.7	9,159	3.92	359	14	37	-538	+.03	-18	-29
11-22-55 86624 464093 5-71					22		10,566	3.86	408						
115480 GLEN VALLEY BEAUTY-S LETO.....*	23-04	18	43	3-14,21,	164	3.3	10,347	3.94	408	3	62	+358	-.03	+11	+18
11-21-55 110014 348433 5-71				23	46		9,622	4.00	385						
116005 TOLL GATE ROYAL BELLMAN.....*		6	5	4-16,23,	18	2.7	12,700	3.87	491	**	43	+398	-.01	+14	+22
12-25-55 94065 356021 5-71				52,64	24		11,842	3.88	460						
116092 DESERT CREST-S HONEST FLAKIE..*	91-13	18	17	3-21,91,	58	2.7	13,116	3.96	520	6	54	+410	+.01	+17	+25
03-02-56 111294 405131 5-71				92	12		12,497	3.96	495						
116706 WINDROW BINGO.....*	33-03	244	7	34-14,21,	678	2.0	11,399	3.98	454	16	96	+73	+.10	+14	+14
03-06-56 88074 336926 5-71				23,31,42	16		11,346	3.88	440						
116767 GLENGARRY LLOYD ROYAL.....*	35-75	436	13	41-21,23,	2,288	1.9	11,464	3.74	429	15	98	+11	-.17	-18	-15
11-09-55 116364 524632 1-71				31,33,48	17		11,491	3.92	450						
117061 CAERLAVEROCK PREFERRED KINGFIS*	51-02	45	5	12-42,51,	121	2.7	10,123	4.09	414	10	83	-203	+.10	+3	-3
06-18-56 79374 426720 5-71				52,54,65	15		10,285	3.97	408						
117064 PRAIRIE BLUE OARK BOY.....*	61-D2	107	6	19-31,33,	266	2.4	11,312	3.93	445	14	91	+298	-.01	+10	+16
01-29-55 94934 478769 5-71				42,48,84	13		10,970	3.96	434						
117222 BENT-AYR DELIGHT.....*		2	70	2-72,73	72	4.7	10,775	4.03	434	2	33	-42	+.02	+1	0
06-02-56 110623 481624 5-71					23		10,879	3.97	432						
117225 SELWOOD VICTORY.....*		16	2	6-23,33,	20	2.2	10,943	3.78	414	**	54	+63	-.02	0	+2
09-29-53 111157 304805 5-71				35,41,65	16		10,796	3.83	413						
117367 STRATHGLASS LIVELY VETERAN....*		10	4	4-41,42,	18	2.1	9,825	3.76	369	30	45	-397	-.02	-18	-25
01-24-57 96570 360818 5-71				46,54	10		10,666	3.83	408						
117393 MEREDITH BOAZ.....*	21-01	107	2	14-12,13,	160	3.2	11,393	3.83	436	9	90	+93	-.09	-7	-3
11-08-56 92746 408631 5-71				14,21,52	18		11,310	3.94	446						
117502 KINGSLAND TYBALT RED 2ND.....*		18	5	12-14,16,	45	2.0	12,756	4.05	517	24	64	+370	+.09	+25	+30
01-12-56 78309 287458 5-71				23,52,54	26		12,297	3.93	483						
117503 KINGSLAND EIGHT BELLS.....*		4	28	2-21,42	35	4.2	13,430	4.12	553	0	35	+249	+.06	+17	+21
05-04-56 110310 483649 5-71					15		12,903	3.98	513						
117504 KINGSLAND WHITE ROCK.....*	52-01	33	10	10-14,16,	149	1.9	11,823	3.76	444	19	80	+333	-.14	-3	+6
05-12-56 113028 411624 5-71				21,23,52	16		11,437	3.94	451						
117505 KINGSLAND SPARTAN BARON.....*		7	14	3-12,13,	32	2.3	11,135	3.66	407	**	41	+25	-.11	-11	-8
10-27-56 113028 316425 5-71				21	28		11,070	3.95	437						
117680 LESSNESSOCK COMPETITOR.....*		8	7	5-12,14,	20	2.3	12,117	3.94	477	12	41	+44	-.02	-1	0
07-02-55 117679 558908 5-71				16,21,23	32		12,107	4.01	486						
117706 QUIET VALLEY BEN-S ACE.....*	23-13	78	6	23-14,42,	232	1.6	11,776	3.74	441	13	88	+447	-.13	+3	+14
01-12-57 115588 429363 1-71				51,52,72	20		11,288	3.88	438						
117742 RIDGELAWN GEM-S TAILOR.....*		2	21	2-57,63	23	3.5	10,797	4.20	453	**	30	-153	+.05	0	-4
06-12-56 93233 376030 5-71					22		11,327	4.04	458						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
117839 GREENRANGE HIT PARADE.....	23-09	55	10	11-13,21,	172	2.0	10,312	4.00	412	23	82	-799	-.01	-32	-47
10-19-56 78249 466917 5-71				23,41,50	18		11,310	4.01	454						
117912 MACKAYR MAJESTIC.....	33-03	68	6	26-14,23,	124	1.6	11,660	3.74	436	20	80	+266	-.11	-2	+5
10-02-56 103949 282829 5-71				31,33,35	16		11,350	3.89	441						
117936 SELWOOD BETTY-S COMMANDER.....	21-10	522	21	34-12,13,	3,602	2.3	13,147	3.92	515	10	98	+1,442	+.01	+58	+86
01-14-53 111157 560219 5-71				14,21,23	17		11,743	3.91	459						
118053 WINDROW PREFERRED CHAMPION....		7	4	6-23,33,	15	2.7	11,063	4.05	448	**	42	-171	+.06	0	-4
01-30-57 79374 513016 5-71				34,35,65	14		11,511	3.92	451						
118062 GLENGARRY MILKMAID-S LUCK.....		19	11	14-14,16,	65	2.4	10,502	3.80	399	17	64	-222	-.03	-12	-16
04-26-56 111540 562648 5-71				31,32,48	15		10,825	3.86	418						
118200 RED RANCH SIR ROBERT.....		1	17	1-15	17	3.3	9,938	3.77	375	**	27	+12	.00	+1	+1
01-25-57 91883 374994 5-71					17		9,757	3.74	365						
118219 PREFERRED KING OF CALE AYR....		5	4	4-23,51,	13	2.9	10,605	3.93	417	**	37	+3	+.02	+2	+2
02-02-57 79374 310521 5-71				55,57	13		10,540	3.88	409						
118304 CARNELL TAVERN.....		10	52	5-13,14,	70	3.7	11,003	4.06	447	6	37	-275	+.03	-8	-14
07-03-55 118303 564707 5-71				21,51,74	27		11,823	4.02	475						
118569 WINDROW PREFERRED HIRAM.....		3	10	2-31,54	21	2.0	11,870	4.10	487	30	37	-8	+.07	+7	+6
06-15-57 79374 280420 5-71					24		11,981	3.93	471						
118599 BLACKWOOD REVENUE.....	23-05	12	10	4-21,23,	51	2.6	9,804	4.13	405	21	60	-462	+.08	-10	-20
07-10-57 115074 423136 5-71				52,72	17		10,521	4.01	422						
118601 BLACKWOOD HAPPY DAYS.....		4	8	2-21,51	23	2.4	9,992	4.10	410	17	41	-283	+.04	-7	-13
09-03-57 91883 445498 5-71					20		10,647	4.02	428						
118681 MEREDITH PREFERRED.....	33-03	133	4	32-14,21,	254	2.1	10,961	3.77	413	18	92	+283	-.12	-3	+5
03-14-57 79374 413239 1-71				23,31,42	14		10,603	3.92	416						
118685 MEREDITH GOLD RULER.....		16	2	11-13,14,	25	2.0	12,163	4.00	486	31	56	+154	+.06	+13	+15
11-07-57 95384 462107 5-71				15,16,23	31		11,974	3.90	467						
118691 MIDDLE BROOK LORD COMMANDER...		7	11	4-31,33,	21	2.9	13,029	3.91	510	0	38	+334	-.01	+12	+19
07-10-56 108590 369389 5-71				35,65	16		12,254	3.95	484						
118774 WOODHULL WISE DAVE.....		4	60	3-47,48,	66	3.2	11,206	3.93	440	23	32	-86	+.02	-1	-3
05-21-56 102288 420418 5-71				72	15		11,523	3.90	449						
118781 CASTLE BRAE LUCKY COIN.....		8	2	3-41,42,	11	2.0	8,695	3.98	346	**	37	-631	+.05	-19	-32
06-04-57 95384 427888 5-71				46	12		10,324	3.84	396						
118791 CAERLAVEROCK P. PAUL.....		3	40	2-23,52	44	1.9	9,502	3.86	367	8	29	-98	+.01	-3	-5
11-28-57 79374 399202 5-71					20		9,703	3.85	374						
118922 MACKAYR SUPER 2ND.....		9	6	6-31,32,	24	1.7	10,826	3.87	419	31	45	-353	+.02	-12	-19
09-24-57 103949 353834 5-71				33,35,91	16		11,660	3.86	450						
118928 REIDINA PREFERRED TRADE.....		4	23	1-23	29	3.3	12,111	4.17	505	23	32	-37	+.01	0	-1
06-17-57 79374 401558 5-71					21		12,352	4.17	515						
118968 LIPPITT ROYAL MARQUIS.....		7	2	4-13,14,	10	2.5	9,817	3.70	363	0	36	-227	-.05	-14	-18
11-02-57 118674 568586 5-71				15,51	13		10,386	3.87	402						
118996 WINDROW SILVER BAR.....		3	8	2-41,42	11	2.2	10,354	3.91	405	**	26	-31	+.02	+1	0
09-27-57 113384 454870 5-71					16		10,405	3.83	398						
119057 DAISY BANK STARLIGHT.....		9	7	1-91	38	2.1	12,406	3.74	464	7	56	+303	-.12	-2	+6
07-22-56 119056 573160 5-71					11		11,946	3.97	474						
119075 WINDROW M. GAY BOY.....		1	13	1-31	13	2.9	11,239	3.99	448	14	24	+33	+.02	+4	+4
11-22-57 113342 515560 5-71					8		11,101	3.88	431						
119110 GALNEY KERMIT.....		14	5	5-14,16,	32	2.7	10,827	3.88	420	8	59	-51	-.04	-6	-6
10-05-57 115609 547139 5-71				21,23,63	18		10,893	3.97	432						
119276 WELLAWAY SATELLITE.....	52-01	10	4	1-52	27	2.6	10,860	4.01	435	0	58	+123	+.03	+8	+10
11-28-57 79374 508636 5-71					18		10,595	3.96	420						
119453 VISTA GRANDE ROYAL GLORY.....		1	20	1-14	20	3.1	11,363	4.03	458	8	28	+58	+.02	+5	+6
03-04-58 111209 386937 5-71					19		11,157	3.93	439						
119554 THE COUNT OF TOLL GATE.....	35-75	157	7	32-16,23,	448	1.6	11,933	3.81	455	11	93	+588	-.06	+16	+29
08-06-57 115588 269615 5-71				35,48,65	18		11,323	3.87	438						
119647 GLENGARRY CAPTAIN CARLSON.....		6	4	5-14,21,	16	3.3	11,231	3.81	428	**	45	-475	-.07	-26	-34
01-09-52 76451 010335845 5-71				33,35,57	29		12,425	3.98	494						
119673 SELWOOD GRETA-S BOY, IMP.....	41-01	58	4	11-41,42,	132	1.8	10,952	3.83	419	20	85	+164	-.03	+3	+7
07-30-57 119936 579546 5-71				46,47,48	15		10,720	3.86	414						
119853 STRATHGLASS LOYAL LESTER.....		3	13	2-23,52	23	3.8	9,934	3.97	394	**	39	-104	.00	-4	-6
06-22-58 76450 421816 5-71					17		10,104	4.00	404						
119881 WOODHULL GOLD PRINCE.....		1	10	1-46	10	2.6	9,774	4.08	399	**	22	-122	+.03	-1	-4
04-25-58 77392 469784 1-71					4		10,247	3.94	404						
119999 GLENGARRY MILKMAIDS CAPTAIN, I*		2	31	2-31,32	33	2.9	11,429	3.74	428	0	30	-111	-.05	-10	-11
09-27-57 119647 562648 5-71					27		11,885	3.95	469						
120054 FRIENDLY AYR RING ADMIRAL.....		5	3	1-35	11	2.2	11,276	3.89	439	**	35	+177	.00	+7	+10
03-25-58 111015 377203 5-71					10		10,740	3.90	419						
120072 SKY LINE RONALD C.....		4	20	3-21,23,	26	1.9	10,700	3.80	407	6	29	+33	-.01	0	+1
08-28-58 117936 304156 5-71				64	16		10,529	3.86	406						
120078 MONTANA BERT.....		1	30	1-81	30	2.5	10,448	3.97	415	5	28	-249	+.01	-9	-14
04-10-58 106237 470753 5-71					16		11,361	4.00	454						
120135 OAK RIDGE LIGHTNING.....	33-03	122	12	30-21,23,	266	1.4	12,467	3.99	497	13	85	+265	+.09	+21	+24
03-12-58 115077 377485 5-71				35,42,93	25		12,269	3.88	476						
120140 WINDROW PERFECT PRINT.....		2	5	1-73	10	2.4	12,757	3.93	501	**	29	+376	+.04	+19	+26
06-12-58 116706 346220 9-70					15		11,514	3.80	437						
120147 ALDERWOOD SUPREME.....		9	2	5-13,14,	12	2.3	12,142	3.72	452	33	40	-176	-.08	-16	-18
01-03-54 116518 545349 5-71				21,23,58	27		12,747	3.93	501						
120171 GALNEY REGINOLD COIN.....		3	30	2-31,63	42	3.0	12,885	3.83	494	0	36	+289	-.05	+6	+12
08-11-58 111071 458248 5-71					15		12,186	3.95	481						
120184 EDENBANK STANDARD BEARER 19TH.*	91-01	11	10	1-91	35	3.0	11,538	4.01	463	5	52	-169	+.03	-3	-7
12-06-57 104525 583580 5-71					8		11,952	3.97	474						
120207 GALNEY JOSHUA RAND.....		5	5	2-21,31	15	2.7	10,406	3.95	411	**	40	-674	+.02	-24	-37
09-18-58 108944 533877 5-71					17		12,211	3.92	479						
120363 VOLUNTEER PREFERRED.....		5	14	1-31	38	4.0	10,064	3.83	385	4	49	+324	+.01	+14	+20
05-21-58 79374 458770 5-71					8		9,218	3.76	347						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
120383 SHAGBARK CHAMPION GENERAL.....*	11-01	39	3	8-11,12,	75	2.1	10,367	3.99	414		30	78	-508	+.02	-18	-28
08-26-58 106430 450931 5-71				13,14,23	17		11,006	3.98	438							
120391 TOLL GATE BELLBOY.....*		2	11	1-32	20	2.3	10,285	3.89	400		15	34	-158	.00	-6	-9
02-10-58 114995 478965 5-71					6		10,719	3.90	418							
120627 AYRVIEW PREFERRED GEM.....*		5	5	1-91	15	2.1	11,339	3.89	441		**	37	-82	+.01	-2	-4
09-07-57 79374 546418 5-71					19		11,614	3.88	451							
120690 MACKAYR ROYAL DICK.....*		8	5	1-33	18	2.3	11,663	3.81	444		10	42	+147	-.05	0	+4
09-08-58 116767 477917 5-71					7		11,338	3.93	446							
120693 MACKAYR ROYAL LEN 2ND.....*		3	17	2-51,63	21	2.3	11,324	3.98	451		0	29	-24	-.01	-2	-2
09-15-58 116767 508447 5-71					7		11,443	4.05	463							
120694 MACKAYR ROYAL BILL.....*		5	9	3-33,42,	16	2.1	10,640	3.69	393		**	31	-93	-.06	-10	-11
10-14-58 116767 488644 5-71				65	14		10,921	3.92	428							
120733 DECK-AYR CLAYTON.....*		1	13	1-23	13	4.1	9,156	3.96	363		11	26	-46	+.01	-1	-2
07-24-58 118062 536159 5-71					99		9,135	3.96	362							
120774 LIPPITT ROGER.....*		18	23	8-16,23,	69	1.9	10,775	3.90	420		9	50	+85	+.01	+4	+6
02-06-59 115075 332870 5-71				50,52,63	20		10,548	3.88	409							
120811 ARDROSSAN NORTH WIND.....*		4	40	1-23	57	2.5	9,919	4.00	397		13	36	-215	+.02	-6	-11
06-07-58 112733 548922 5-71					15		10,462	3.98	416							
120830 WOODHULL AZTEC.....		1	20	1-48	20	2.5	9,775	3.65	357		14	26	-178	.00	-7	-10
02-15-59 96019 359836 5-71					11		10,393	3.68	382							
120841 MEREDITH RED RAIDER.....*		8	10	8-11,14,	27	2.9	12,455	4.07	507		13	45	+221	+.07	+16	+19
04-05-58 91883 290621 5-71				15,16,51	36		12,063	3.95	477							
120972 SENELAKECA COMMISSIONER.....*		4	17	2-21,63	22	3.2	12,316	3.98	490		0	33	-180	+.07	+1	-4
10-13-58 79374 533869 5-71					25		13,066	3.78	494							
121035 FAIR MEADOWS PAYLODE.....*		7	2	4-14,16,	10	3.1	9,745	3.80	370		**	38	-78	-.03	-6	-7
03-08-57 95384 446092 9-70				21,23	19		9,823	3.91	384							
121126 WINDROW STYLISH VAMPIRE.....*		5	5	1-33	14	1.6	9,427	3.61	340		**	35	+65	-.05	-3	-1
12-15-58 95892 492904 5-71					13		9,029	3.79	342							
121598 TOLL GATE AYR PREFERRED BEN...		2	17	1-54	21	3.5	9,178	3.88	356		0	31	-51	+.01	-1	-2
09-29-58 79374 491411 5-71					22		9,150	3.86	353							
121738 AYR-LINE FASHION GARY.....*	48-01	19	5	3-43,48,	45	2.0	10,315	3.83	395		19	64	-98	-.03	-7	-8
05-01-59 106285 449853 5-71				85	10		10,397	3.90	405							
121745 MEMORY LANE GAY LAD, IMP.....*		14	30	4-11,13,	67	2.1	12,388	3.84	476		16	45	+306	-.03	+9	+15
11-15-58 106080 599676 5-71				14,63	31		11,769	3.90	459							
121851 STRATHGLASS ARTFUL LEE.....*		4	16	4-21,23,	30	2.4	11,431	4.19	479		12	39	+51	+.04	+7	+7
08-20-59 117682 551980 5-71				51,52	26		11,319	4.11	465							
121864 KINGSLAND FORTUNUS REX.....*		11	11	7-12,16,	27	2.6	10,990	3.99	439		4	43	+82	+.04	+8	+9
03-07-59 117504 483665 5-71				21,23,52	34		10,765	3.89	419							
121873 ELSIE-S GOLD.....*		1	11	1-21	11	4.4	10,679	4.00	427		0	26	-39	+.02	+1	0
04-07-59 95384 438919 9-70					15		10,802	3.90	421							
122165 APRIL ACRES COLONEL DEW.....*		3	20	2-91,92	30	2.2	11,141	4.09	456		5	33	-295	.00	-11	-17
11-16-58 96189 280763 5-71					6		12,131	4.10	497							
122179 RIDGELAWN DON LEADER.....*		7	2	2-23,51	10	1.8	10,886	3.90	425		25	37	+299	-.02	+9	+15
04-25-59 79374 290236 5-71					14		9,957	3.99	397							
122194 CRYSTAL SPRING PREFERRED.....*		3	16	2-12,16	32	3.1	11,074	4.05	448		16	41	-490	-.02	-21	-30
08-06-59 79374 521473 5-71					33		12,391	4.11	509							
122231 MEREDITH LENTSON.....*		12	6	9-12,14,	26	2.5	12,184	3.96	482		10	49	+108	+.02	+6	+8
02-06-59 79374 374728 5-71				15,16,65	28		12,059	3.92	473							
122236 VISTA GRANDE GLORIA-S COMMANDE*		1	17	1-14	17	2.5	9,817	4.06	399		**	26	-384	+.04	-11	-19
07-14-59 107868 386937 5-71					18		11,333	3.93	445							
122241 MEREDITH COMMANDO.....*		6	9	3-14,63,	20	1.7	11,714	3.67	430		21	36	+206	-.03	+5	+9
07-10-59 117936 413239 9-70				65	51		11,136	3.73	415							
122242 MEREDITH HARRY.....*	33-03	15	6	8-12,14,	32	1.4	14,662	3.96	581		8	50	+596	+.05	+29	+40
07-13-59 79374 419941 5-71				21,23,42	31		13,740	3.89	534							
122273 IROQUOIS RING LEADER.....*		2	10	2-63,65	12	2.2	13,075	3.69	483		0	25	+294	-.02	+9	+15
10-24-59 94065 541742 5-71					70		11,988	3.75	449							
122288 LIPPITT BRIAREUS.....*		2	16	1-11	31	2.8	9,944	4.01	399		12	39	-526	-.02	-23	-33
11-21-59 115075 313916 5-71					28		11,301	4.09	462							
122324 OAK RIDGE WORTHY COMET 2ND....*		4	30	4-33,42,	42	2.7	12,609	3.67	463		15	36	-214	-.09	-18	-20
07-08-59 114403 478243 5-71				91,93	44		13,447	3.90	524							
122367 PORTERDALE BETTY-S HOPE.....*		8	8	4-14,16,	25	2.9	12,473	3.86	481		9	46	+30	.00	+1	+2
09-01-59 117936 562726 5-71				21,23	36		12,551	3.85	483							
122395 ANCHOR MERE SENSATIONAL.....*		4	9	2-16,21	16	2.8	11,752	3.85	452		**	34	+52	-.03	-1	+1
12-15-58 94065 388229 5-71					13		11,652	3.96	461							
122430 MEREDITH DEFIANT.....*		3	12	3-15,31,	16	3.0	10,589	4.11	435		40	29	-265	+.03	-7	-13
09-22-59 118682 566047 5-71				65	15		11,555	4.02	465							
122436 DELCHESTER STORMY PREFERRED...*		4	28	1-23	39	2.3	10,840	4.07	441		3	34	-127	+.04	-1	-4
11-24-59 79374 513290 5-71					22		11,233	3.99	448							
122442 REIDINA COR-S REX PO.....*		5	20	2-52,61	29	2.2	12,750	4.29	547		4	33	-37	+.11	+11	+8
08-31-59 107810 408729 5-71					20		13,063	4.00	523							
122470 RICHLAND LA GOVERNOR.....*		4	27	4-31,32,	33	2.2	10,729	4.22	453		13	30	-167	+.10	+4	-1
09-05-59 79374 439646 5-71				42,65	27		11,308	3.90	441							
122490 PREFERRED BANNER OF HI-VIEW...*		3	57	3-41,47,	66	2.8	10,266	4.25	436		21	33	-206	+.04	-4	-9
05-07-57 79374 437085 5-71				48	21		10,872	4.16	452							
122549 GREEN VALLEY ROYAL.....*		3	13	2-31,65	17	2.7	9,975	3.76	375		13	29	-310	-.05	-17	-22
09-27-59 119539 503451 5-71					10		11,044	3.95	436							
122582 MACKAYR MAID-S ROYALTY.....*		4	35	2-21,31	41	2.8	11,468	3.62	415		0	32	+322	-.08	+3	+11
09-30-59 116767 454523 5-71					9		10,399	3.87	402							
122621 HI-HOPE IMP-S ROMEO.....*		4	4	2-42,73	11	2.0	11,149	3.72	415		0	32	+11	-.01	-1	-1
01-11-59 96757 311037 5-71					11		11,116	3.77	419							
122626 WOODEDGE ADMIRAL.....*		14	2	6-41,42,	19	2.0	10,449	4.03	421		20	52	-187	+.09	+2	-3
03-19-59 79374 363343 5-71				46,47,91	17		10,774	3.85	415							
122636 VALHALA WAR LEADER.....*	21-10	55	2	4-12,13,	81	2.9	11,944	3.95	472		11	83	+146	+.03	+9	+11
02-25-60 62636 539192 5-71				21,65	21		11,842	3.92	464							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	%	FAT	% 1ST LACT	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	%
122677 PREFERRED WARRIOR OF F. H.....*		2	16	2-21,63	20	2.5	9,509	3.96	377	**	30	-334	+.02	-11	-18
12-10-59 79374 484101 5-71					20		10,591	3.94	417						
122727 MONTANA VALIANT.....*		1	18	1-81	18	2.4	12,514	3.87	484	0	26	+223	-.02	+7	+12
10-22-59 108196 537655 5-71					19		11,711	3.91	458						
122799 CHESTERFIELD THUNDER.....*		2	13	2-41,42	15	1.8	9,289	3.88	360	36	25	-296	+.01	-11	-17
06-16-59 119073 511957 5-71					8		10,422	3.91	408						
122852 MEREDITH JET FIRE.....*		5	13	5-12,15,	21	2.2	10,771	3.86	416	15	34	+14	-.05	-5	-4
01-25-60 103949 531284 5-71				23,31,51	24		10,686	4.05	433						
122959 LITTLE ACORN-S WHEEL-S KING...*		2	9	1-55	18	3.1	11,038	3.93	434	9	36	-85	+.02	-1	-3
02-01-60 94065 573281 5-71					10		11,295	3.90	440						
123017 GREENRANGE CHIEF.....*		7	3	6-13,23,	16	2.3	10,817	3.89	421	8	45	-289	+.02	-9	-15
12-16-59 106237 512142 5-71				50,58,63	33		11,498	3.86	444						
123075 PINE LAKE HONEY-S PREFERREO...*		3	13	1-21	18	2.4	9,882	4.04	399	**	31	-176	+.04	-2	-6
04-16-60 79374 496745 5-71					22		10,381	3.92	407						
123145 ATHERTON-S BILL.....*		5	10	3-21,23,	17	1.8	10,251	3.76	385	**	31	-348	+.04	-9	-17
08-04-59 96526 525155 5-71				64	13		11,418	3.65	417						
123154 HILOA-S ROYAL RAFF.....	87-01	4	5	3-87,91,	12	1.5	10,733	3.69	396	**	31	-226	-.01	-10	-14
02-16-60 105768 502333 5-71				93	6		11,503	3.75	431						
123266 BLACKWOOD BELLMAN.....*	23-11	14	4	3-21,23,	33	2.3	10,364	3.97	411	8	60	-192	+.01	-6	-10
11-16-59 95443 567642 5-71				52	38		10,640	3.97	422						
123279 UNICORN PREFERRED ALBERT.....*		2	19	1-23	21	1.6	8,582	4.04	347	**	25	-206	+.01	-7	-11
10-25-59 93233 477882 5-71					17		9,208	4.03	371						
123286 ALLAN ACRES ADAM.....*	91-11	8	20	4-21,42,	32	3.1	12,049	4.30	518	0	37	+83	+.07	+11	+11
01-02-59 118398 504069 1-71				82,91	9		11,907	4.15	494						
123366 .....*		6	2	6-35,41,	10	2.2	10,462	3.87	405	0	35	+191	+.02	+10	+13
1-71				47,63,65	22		9,786	3.78	370						
123384 SELWOOD LADY-S LUCK.....*	21-01	75	2	6-12,13,	117	3.1	11,286	3.78	427	20	88	-289	-.12	-24	-27
10-14-59 111540 620260 5-71				21,23,32	19		11,674	3.92	458						
123412 .....*		1	22	1-35	22	1.1	9,661	3.74	361	**	22	-215	.00	-8	-12
5-71					4		10,608	3.77	400						
123422 BEST VIEW SIR WILLIAM.....*		4	4	2-13,21	10	3.2	12,153	3.92	477	13	34	+101	+.01	+5	+7
03-19-59 117936 503509 9-70					15		11,942	3.89	465						
123479 AYRKOTA NELLINKA-S COMMANDER..*		11	10	3-33,42,	36	2.1	10,729	3.74	401	11	50	-93	+.01	-2	-4
01-01-60 117936 486874 5-71				47	26		10,893	3.71	404						
123480 SELWOOD SPOT-S ECLIPSE 3RD....*		5	18	2-41,42	27	2.3	9,831	3.87	380	19	33	-377	.00	-15	-22
08-01-59 123402 621337 5-71					8		10,966	3.90	428						
123505 MACKAYR ROYAL FIREBALL 3RD....*		8	15	5-31,32,	27	2.5	10,781	3.91	422	9	38	-206	-.05	-13	-16
07-26-60 116767 524237 5-71				33,42,65	10		11,354	4.07	462						
123531 WINDROW CONCENTRATION.....*	21-10	112	3	13-11,12,	196	2.1	11,393	3.89	443	16	91	-234	-.04	-13	-17
06-18-60 79374 413404 5-71				13,16,21	20		11,712	3.94	461						
123535 WINDROW SUPREME.....*		13	9	6-12,13,	41	1.9	12,987	3.90	506	19	53	+573	-.02	+20	+31
09-26-60 112575 531107 5-71				16,21,23	36		12,000	3.93	472						
123538 WOODHULL MODEL SUN.....		1	44	1-48	44	2.4	9,917	3.58	355	15	28	-89	-.01	-5	-6
09-25-60 106285 466677 5-71					6		10,135	3.64	369						
123547 GREENFIELD-S FORTUNE.....*		1	10	1-35	10	1.5	7,738	3.84	297	10	20	-91	.00	-4	-6
10-30-60 94065 408894 9-70					10		7,886	3.94	311						
123560 .....*		5	7	3-21,33,	19	1.1	9,954	3.77	375	**	34	-516	+.04	-16	-27
5-71				42	34		11,529	3.69	425						
123573 MEREDITH GREGOR.....*		6	6	3-14,15,	17	2.1	11,110	4.03	448	9	38	-91	+.05	+2	-1
09-24-60 117680 418549 5-71				21	21		11,378	3.91	445						
123656 SELWOOD JEAN-S LUCK,IMP.....*	41-01	21	4	6-35,41,	42	1.7	10,360	3.72	385	19	64	-265	-.07	-18	-22
10-16-59 111540 624004 5-71				42,47,73	14		10,741	3.84	412						
123781 WINDROW SHAMROCK.....*		6	13	2-31,65	26	2.0	11,223	4.11	461	39	37	-224	+.08	0	-6
01-01-61 116706 513281 5-71					12		11,919	3.92	467						
123866 REIDINA OON ECHO.....*		2	9	1-14	12	3.4	10,891	4.25	463	0	30	-104	+.04	0	-3
10-02-60 109256 408729 5-71					7		11,252	4.18	470						
123889 BURJEAN-S EMPEROR CHARLAMAGNE.*	41-01	10	4	4-35,41,	22	1.6	11,367	3.80	432	8	47	+189	-.05	+2	+7
11-11-60 106285 566725 5-71				42,46	10		10,951	3.91	428						
123910 IOW AYR FANCY CONQUEST.....*		11	8	3-33,42,	36	2.1	11,185	3.78	423	16	53	-195	+.01	-6	-10
03-05-60 103949 533764 5-71				65	11		11,604	3.77	437						
123936 OAK RIDGE ROYAL COUNT.....*	23-13	63	5	15-23,31,	167	1.7	11,469	3.89	446	13	86	+357	-.06	+7	+15
08-01-60 94065 496832 5-71				50,51,52	17		11,048	3.96	438						
123968 .....*		3	6	2-31,61	12	1.6	11,070	3.89	431	20	30	-193	.00	-8	-12
5-71					18		11,792	3.94	465						
123992 DON SPRINGFIELD DAIRY.....*		2	18	1-51	20	1.9	9,150	3.90	357	27	26	-266	+.01	-9	-14
11-02-60 109256 381744 5-71					10		10,069	3.89	392						
124028 HOLLY GROVE BOOSTER.....*		1	39	1-55	39	3.4	9,210	4.21	388	3	31	-343	+.10	-3	-11
10-26-60 94065 429238 5-71					12		10,243	3.89	398						
124128 MACKAYR SUPER IKE.....*		3	48	1-42	52	2.4	11,865	3.86	458	7	30	+273	-.01	+10	+15
12-26-60 118919 571467 5-71					14		10,946	3.88	425						
124129 MACKAYR SUPER MAESTRO.....*	23-13	6	16	3-14,33,	37	2.2	12,456	3.90	486	9	42	+81	+.01	+4	+5
01-01-61 118919 571466 5-71				51	12		12,392	3.88	481						
124245 CRYSTAL SPRING CARNELL-S SANTA*		3	14	1-12	25	2.3	10,699	4.15	444	17	36	-360	+.02	-12	-19
12-25-60 124061 626502 5-71					34		11,754	4.13	485						
124319 M.F. HI-JAI HEARTBREAK.....*		2	11	1-31	14	2.1	8,775	3.76	330	**	28	-338	+.01	-12	-19
08-28-60 120408 617178 5-71					12		9,880	3.77	372						
124415 KOLAR-AYR WHEEL-S PROSPECT....*		4	18	2-72,73	31	2.2	10,470	3.90	408	7	37	-53	+.05	+3	+1
09-29-60 94065 431696 5-71					15		10,561	3.74	395						
124427 TOLL GATE TOP GRADE.....		4	8	3-14,16,	18	1.8	11,345	3.85	437	25	35	+106	-.04	0	+3
02-20-61 119554 586721 5-71				23	30		11,034	4.01	442						
124482 UNION AYR GUY WAKEMAN.....*		5	16	3-48,72,	23	2.8	12,584	3.77	475	14	33	+428	-.06	+10	+19
09-21-60 106285 550478 5-71				73	19		11,316	3.95	447						
124486 CLOVERGOLD ARVILLA-S ORACLE...*		3	13	2-33,42	17	2.4	12,047	3.76	453	19	29	+125	-.04	0	+3
05-30-61 104237 572664 5-71					42		11,662	3.94	459						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
124523 SHAT-ACRES PERCY.....*		3	19	2-13,58	26	2.3	11,640	3.67	427		20	32	+71	-.05	-3	-1
05-20-61 112575 527896 5-71					15		11,454	3.83	439							
124535 PONFEIGH GOVERNOR.....*		1	24	1-23	24	1.8	9,847	4.43	436	**	25		+225	+.06	+16	+19
06-19-61 119389 590823 5-71					11		8,705	4.20	366							
124536 LARK LAWN GABENARROW.....*		9	4	4-42,47,	18	1.2	10,476	4.01	420		56	41	-163	+.06	0	-4
02-21-60 106285 499325 5-71				48,73	12		10,851	3.89	422							
124591 SANHOLM LUCKY DAIRYMAN.....*		1	19	1-31	19	2.4	8,655	3.73	323		0	26	-138	-.04	-10	-12
03-31-60 111540 635243 5-71					19		8,979	3.99	358							
124639 VA. STRATHGLASS LIVELY IVAN...*	52-01	5	3	2-21,52	11	2.8	10,250	3.93	403		11	36	-99	+.03	-1	-3
07-30-60 96570 475980 5-71					12		10,462	3.88	406							
124663 CHUCKANUT ROYAL GUARD.....*		2	9	1-91	12	2.2	11,524	3.94	454	**	27		+100	-.01	+3	+5
09-04-58 118823 500202 5-71					7		11,161	3.96	442							
124693 SAND KNOB-S ARTHUR GUY.....*		2	25	1-48	27	1.9	13,012	3.92	510		30	27	+436	.00	+17	+25
01-30-61 106285 589643 5-71					6		11,436	3.93	449							
124745 MORROW POLLED PAUL M.....*		5	3	2-31,42	13	1.9	10,141	3.89	394		9	38	-651	-.01	-26	-38
11-28-60 118299 518056 5-71					14		11,941	3.92	468							
124750 .....*		1	10	1-58	10	1.1	7,651	3.58	274		44	18	-200	+.02	-6	-10
9-70					28		8,495	3.54	301							
124818 ANCHOR MERE SILK PURSE.....*		2	28	1-23	42	2.6	10,972	4.03	442		3	37	+92	+.02	+6	+7
08-02-61 101701 388229 5-71					19		10,681	3.98	425							
124844 WINDROW ROYAL.....*		2	37	2-31,65	39	2.3	10,677	3.79	405		13	29	-51	-.02	-4	-5
06-26-61 118052 492904 5-71					14		10,829	3.90	422							
124846 .....*		6	4	2-41,42	15	1.7	10,557	3.84	405	**	37		+249	-.01	+9	+14
5-71					10		9,753	3.84	375							
124881 ROYAL PINECREST CAPT-S OSCAR..*		3	11	1-91	15	1.4	11,429	3.95	451	**	25		+63	.00	+3	+4
08-10-61 122238 588011 5-71					27		11,184	3.92	438							
124927 RIVER RUN LEAGUE LEADER.....*	41-01	11	4	5-35,41,	23	1.5	13,484	3.77	508		14	48	+1,037	-.05	+35	+56
08-09-61 117936 591615 5-71				42,46,47	21		11,367	3.83	435							
124939 TOLL GATE GRAND FORTUNE.....*	23-09	2	20	1-52	24	2.3	14,401	3.92	564		19	29	+392	-.05	+9	+18
09-04-61 112575 613067 5-71					19		13,258	4.09	542							
124954 TOLL GATE PRINCE OF FORTUNE...*		14	9	3-47,48,	45	2.1	11,725	3.92	460		8	57	+285	-.04	+7	+13
08-07-61 119554 440781 5-71				85	14		11,234	4.00	449							
125013 VOLLING-S BRENDUKECURT FANCY..*		4	13	1-33	25	2.6	10,043	3.76	378		9	38	+56	-.03	-1	+1
09-25-61 103949 613452 5-71					17		9,759	3.86	377							
125032 OAK RIDGE ORMSBY.....*	33-03	7	10	1-42	27	2.0	12,420	3.67	456		16	43	+183	-.07	-1	+4
07-11-61 122324 418087 5-71					12		12,089	3.83	463							
125033 OAK RIDGE FLASHY NEPTUNE.....*		10	2	3-33,42,	17	1.7	11,102	3.94	437	**	46		-19	+.05	+5	+4
10-07-61 120135 478243 5-71				47	13		11,150	3.82	426							
125046 .....*		1	11	1-12	11	2.1	9,545	3.76	359	**	23		-21	-.03	-4	-4
5-71					9		9,479	3.94	373							
125067 .....*		1	10	1-86	10	1.6	12,776	3.83	489	**	21		+121	-.01	+4	+6
5-71					27		12,307	3.86	475							
125092 MEREDITH JAPSON.....*		3	19	2-41,42	24	1.8	9,526	3.97	378		17	30	-430	+.02	-15	-24
11-23-61 103949 580346 5-71					9		10,967	3.95	433							
125116 WINDROW BINGO-S TEDDY.....*		6	7	4-23,31,	19	2.5	11,820	4.00	473		6	41	+77	+.03	+6	+7
10-24-61 116706 567312 5-71				42,65	22		11,689	3.94	460							
125140 GLENGARRY HIGH LIGHT.....*		22	5	13-14,31,	53	1.5	11,377	3.84	437		24	66	+107	-.05	-1	+2
03-14-59 116364 524632 5-71				42,48,91	16		11,227	3.92	440							
125153 RIVER RUN LIBERATOR.....*		6	6	2-13,21	14	1.9	12,572	3.97	499		10	33	-196	+.05	-2	-7
11-11-61 101527 518834 1-71					22		13,402	3.87	518							
125168 OAK RIDGE FLASHY KELLOGG.....*		2	22	1-93	24	2.5	13,954	3.92	547		5	29	+61	-.01	+1	+2
03-26-61 120135 574250 5-71					52		14,032	3.96	555							
125224 OAK RIDGE FLASHY CLASSIC.....*	33-03	4	37	4-21,23,	45	1.9	14,292	3.83	547		8	31	+288	-.05	+6	+12
07-26-61 120135 559391 5-71				35,93	54		13,598	3.95	537							
125225 OAK RIDGE SWANKY BONO.....*		7	13	4-33,42,	38	1.8	12,076	3.81	460		30	46	+150	+.03	+9	+11
10-17-61 104237 532560 5-71				47,65	12		11,819	3.73	441							
125263 STONE MEADOWS PRINCE GEM.....*		4	4	2-23,51	10	2.0	9,857	4.07	401		44	31	-79	+.03	0	-2
07-18-61 113387 347702 1-71					35		10,006	3.98	398							
125325 MEREDITH CARDINAL.....*		3	35	1-42	39	1.5	11,446	3.91	447		53	27	-55	-.01	-3	-4
01-11-62 115469 478967 1-71					46		11,710	3.95	463							
125387 GALNEY JEFFERY.....*		11	4	5-14,16,	31	1.9	11,081	3.89	431		14	58	-170	+.01	-5	-9
11-19-61 119110 512447 5-71				21,23,58	15		11,404	3.88	442							
125400 HI-LANE-S GRAND BUSTER.....*		4	9	1-42	20	1.7	11,484	3.84	441		21	36	+22	+.06	+8	+7
07-06-61 112575 579791 5-71					7		11,456	3.65	418							
125427 ARDROSSAN DUKE LEOPOLD.....*		1	12	1-23	12	2.2	9,683	3.96	383	**	23		+67	.00	+3	+4
01-06-60 109256 445452 9-70					38		9,203	3.92	361							
125433 AYR-LINE FORTUNE HUNTER.....*		1	16	1-48	16	2.5	8,719	3.99	348		11	25	-203	-.03	-11	-14
07-28-61 94065 599619 5-71					15		9,354	4.18	391							
125436 AYR-LINE ORACLE RANGLER.....*		3	31	2-48,72	35	2.1	10,449	3.92	410		0	29	-25	+.01	0	-1
10-16-61 104237 577436 5-71					9		10,475	3.91	410							
125456 .....*		1	11	1-23	11	2.2	8,778	3.91	343		0	23	-47	.00	-2	-3
5-71					106		8,758	3.97	348							
125466 OAKMORE ROYALTY-S MILKMAN.....*		1	19	1-31	19	1.4	12,014	3.84	461		27	23	+335	-.01	+12	+19
03-15-62 122582 542546 5-71					19		10,475	3.88	406							
125473 HAYNES FARM MODISH ASTRONAUT..*		5	12	3-16,21,	19	2.2	10,742	3.98	427		19	32	-95	+.03	0	-2
11-09-61 106285 576843 5-71				33	30		11,030	3.88	428							
125513 .....*		5	4	4-31,32,	10	1.2	11,009	3.80	418		13	27	+22	+.01	+2	+2
9-70				33,61	10		10,907	3.76	410							
125524 GREEN VALLEY NICK.....*		4	6	2-14,31	12	1.5	12,615	3.71	468		0	29	+156	-.02	+4	+7
08-14-61 119539 585311 5-71					13		12,174	3.76	458							
125525 GREEN VALLEY RANCHO.....*		3	9	3-31,42,	12	1.7	10,527	4.05	426	**	26		-197	+.02	-5	-9
08-15-61 119539 611836 5-71				63	4		11,322	3.98	451							
125569 JACKSON HILL SHELLY.....*		2	35	1-21	37	2.1	13,347	3.53	471		23	28	+357	-.08	+5	+13
10-31-61 117936 525155 5-71					11		12,194	3.73	455							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% FAT	FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	% FAT	$$
125584 LOWVILLE SOLWAY COMMANDER,IMP.*		4	10	1-41	23	1.4	10,659	3.98	424	23	36	-360	+.04	-10 -18
01-21-62 125583 644188 5-71					12		11,725	3.90	457					
125680 AYRGARDE IDA BOY.....*		1	33	1-42	33	1.3	7,053	3.59	253	6	24	-550	.00	-22 -33
07-29-61 120694 530058 5-71					3		9,121	3.71	338					
125712 AYR-LINE FASHION FEARLESS.....*	21-10	47	3	9-11,12,	84	1.6	12,187	4.01	489	15	80	+315	+.08	+22 +26
05-20-62 106285 484554 5-71				13,21,48	25		11,869	3.92	465					
125713 CARNELL BOWMONT.....*		6	17	4-13,14,	32	2.5	10,146	4.19	425	17	39	-445	+.08	-9 -19
02-03-61 107623 482388 5-71				21,65	31		11,301	4.00	452					
125750 COOP-AYR KING SON.....		2	30	1-48	32	1.7	12,763	3.93	501	7	27	+197	-.01	+6 +10
06-24-61 121727 581843 5-71					8		12,132	4.00	485					
125843 HANO-S ORACLE TIM.....*		8	35	4-33,47,	51	1.6	10,884	3.96	431	0	34	-58	+.03	+1 -1
05-16-62 104237 546470 5-71				48,73	23		11,053	3.88	429					
125862 GALNEY PARADE.....*		11	3	5-14,16,	21	1.2	9,686	3.88	376	47	47	-1,010	+.03	-36 -56
09-02-62 120207 547135 5-71				21,23,58	21		11,934	3.83	457					
125911 PRAIRIE BLUE ROYAL RULER.....		1	24	1-48	24	1.7	7,947	3.78	300	7	25	-449	+.03	-14 -23
12-18-61 117064 533444 5-71					3		9,612	3.66	352					
125928 BEL TERRA MEDICO.....*	61-02	48	5	9-31,33,	123	1.7	11,836	3.81	451	27	83	+714	-.08	+18 +33
07-12-62 101527 530560 5-71				42,48,61	13		10,959	3.91	429					
125947 TALL TIMBER-S ARISTOCRAT.....		1	12	1-84	12	2.0	9,662	3.83	370	17	23	+112	-.01	+3 +5
03-16-62 123095 574447 5-71					5		8,949	3.89	348					
125953 MILAWAY ROCKY.....*		2	17	1-13	19	1.8	13,472	4.08	550	6	26	+216	.00	+9 +13
11-06-62 117936 599769 5-71					24		12,802	4.09	524					
125956		1	12	1-54	12	1.9	11,736	3.89	457	10	22	+209	-.01	+7 +11
5-71					9		10,771	3.96	426					
125958 CLOVERGOLD PROUD ORACLE.....*		1	14	1-41	14	1.8	7,352	3.88	285	50	23	-347	+.01	-13 -20
05-16-62 104237 551238 5-71					15		8,647	3.87	335					
125965 MEREOITH STELLER.....*		5	24	3-32,42,	31	2.3	12,022	3.83	460	10	32	+44	+.01	+3 +4
09-12-62 122231 540655 5-71				47	12		11,970	3.78	453					
125970 .....*		1	11	1-31	11	1.5	10,823	4.07	441	**	20	+96	+.01	+5 +7
9-70					5		10,263	4.05	416					
126005 ROCKY KNOLL-S GERICHO.....*		6	5	4-11,13,	12	1.6	8,815	3.81	336	27	31	-775	-.01	-31 -46
07-20-62 123634 571247 5-71				14,65	18		11,325	3.88	439					
126009 AROROSSAN PILGRAM.....*		1	18	1-23	18	2.9	13,253	4.32	573	6	27	+232	+.06	+16 +19
11-23-61 112733 497029 1-71					74		12,538	4.18	524					
126011 PORTEROALE ROYAL B.....*	23-11	28	3	8-11,12,	48	1.8	12,242	3.84	470	16	69	+860	-.08	+24 +42
08-15-62 117936 583504 5-71				14,21,23	36		10,984	3.96	435					
126028 OAK RIDGE FLASHY KLONDIKE.....*	23-13	36	12	10-23,42,	148	1.5	11,515	4.13	475	18	77	+192	+.08	+17 +19
07-19-62 120135 574250 5-71				50,51,52	20		11,281	4.03	455					
126029 OAK RIDGE HELEN-S PRESTIGE....*		1	18	1-93	18	1.8	13,400	4.01	538	6	24	-52	+.02	0 -1
07-20-62 122324 559391 5-71					59		13,901	3.96	550					
126030 .....*		13	2	6-33,35,	21	1.4	10,123	3.93	398	23	50	-616	+.06	-18 -31
5-71				41,42,46	12		11,373	3.82	435					
126068 CRYSTAL SPRING C PREF JONATHAN*		4	28	4-12,13,	35	1.5	11,841	4.03	477	7	29	+86	-.02	+1 +3
11-27-62 122194 454072 5-71				14,41	26		11,595	4.11	477					
126134 BRISKLEA COMMANDER.....*		4	16	2-13,21	21	1.3	9,472	4.13	391	22	27	-220	+.01	-8 -12
08-24-62 117936 577444 5-71					19		10,194	4.15	423					
126159 BRISKLEA COMMOOORE.....*	21-10	59	3	13-11,13,	102	1.8	12,269	3.87	475	20	83	+506	-.07	+12 +23
10-01-62 117936 612884 5-71				16,21,23	27		11,722	3.95	463					
126182 DEBONAYR GET LUCKY.....*		6	4	3-33,42,	14	1.1	11,354	3.43	390	29	32	-15	-.09	-11 -10
01-02-63 123384 618954 5-71				47	16		11,437	3.72	426					
126196 MEMORY LANE PREFERREO.....*	21-01	60	2	10-12,13,	84	2.2	12,103	3.80	460	22	83	+232	-.10	-2 +4
01-04-60 117225 658405 5-71				16,21,23	24		11,901	3.92	467					
126215 PENN SPRING DOLLYS NOBLE.....*		6	16	2-23,51	26	2.6	10,997	3.99	439	9	36	-6	.00	0 0
08-28-60 109499 405829 5-71					24		11,006	4.02	442					
126223 KINGSLAND CREAM HIGH.....*		2	10	1-14	19	2.0	8,423	3.74	315	19	35	-338	-.04	-17 -23
06-16-62 117504 483665 5-71					17		9,202	3.91	360					
126322 WINDROW CHAMPION BINGO.....*		2	16	2-31,32	30	1.9	11,156	3.99	445	3	37	+169	+.03	+10 +13
10-30-62 116706 590824 5-71					23		10,656	3.91	417					
126325 WINDROW DOUGLAS BINGO.....*		1	18	1-35	18	1.6	11,151	4.14	462	0	23	-151	+.04	-1 -5
01-08-63 118052 584160 1-71					5		11,888	4.00	476					
126344 OAK RIDGE CITATION.....*		3	9	1-46	19	1.7	9,017	3.93	354	22	35	-585	+.02	-21 -33
11-25-62 122324 532560 5-71					13		10,662	3.89	415					
126351 MEREOITH MAGNIFICENT.....*		1	21	1-41	21	1.9	9,743	3.78	368	**	25	-119	.00	-5 -7
06-28-62 117936 568671 5-71					13		10,121	3.83	388					
126375 ATWOOD ORCHAROS CHEER UP.....*		2	9	1-21	11	2.1	10,903	3.83	418	**	24	+2	.00	0 0
07-02-61 112575 454615 5-71					17		10,871	3.88	422					
126387 AYR-PLAINS GUY PENNY COPPER...*		2	17	2-47,48	19	1.5	9,005	4.06	366	21	25	-359	+.01	-13 -20
11-03-62 106285 528805 5-71					11		10,386	4.04	420					
126447 LESSNESSOCK RADIX.....*		4	10	4-21,23,	26	2.0	11,793	4.07	480	5	42	-28	+.06	+6 +4
05-28-61 117679 525179 5-71				52,54	22		11,946	3.93	470					
126462 BEL TERRA LISAS COMMANDO.....*		3	7	2-35,65	10	1.8	12,008	3.64	437	0	25	+326	-.06	+6 +13
11-17-62 117936 427133 1-71					10		10,681	3.85	411					
126473 TOLL GATE BELLKEEPER.....*		1	12	1-21	12	1.8	10,030	3.89	390	18	22	-423	+.03	-13 -22
08-19-62 119554 490542 5-71					8		12,093	3.76	455					
126474 TOLL GATE BOWMAN.....*		4	6	3-14,21,	12	2.9	12,460	4.00	499	0	34	+288	-.02	+9 +15
02-19-62 122695 613094 5-71				58	19		11,659	4.09	477					
126543 MEREOITH SUN SIRE.....*		6	4	4-14,15,	12	2.3	11,749	3.89	457	20	37	-99	+.01	-3 -5
01-10-63 122231 622253 5-71				21,23	19		12,123	3.89	471					
126566 MACKAYR ROYAL WILL.....*		2	8	2-33,47	13	1.6	11,082	3.76	417	17	27	+301	-.03	+8 +14
02-17-63 116767 488644 5-71					30		9,845	3.90	384					
126576 WINDROW ROBIN.....*		4	6	2-33,35	12	2.5	9,677	4.15	402	18	32	-190	+.10	+4 -2
03-05-63 113384 601522 5-71					17		10,175	3.79	386					
126587 IROQUOIS PREDICTION.....*		10	2	3-21,23,	16	1.3	10,758	4.09	440	17	44	-294	+.08	-3 -10
04-20-63 101527 576693 1-71				58	18		11,462	3.94	452					

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
126637 SUN-E-HILL COMMANDER.....*		2	7	1-21	13	1.8	10,179	3.99	406	25	29	-149	+.03	-2	-6
09-20-62 117936 579372 5-71					25		10,643	3.91	416						
126640 BEL TERRA BRIGHT COMMANDER....*		5	12	1-42	23	1.5	16,042	3.83	614	17	34	+1,028	.00	+40	+60
07-01-63 117936 565009 5-71					8		13,261	3.79	503						
126666 TALLCORN NIFTY TRADEMARK.....*		1	11	1-42	11	1.6	11,472	4.01	460	30	21	+173	+.03	+10	+13
11-08-62 122280 516174 5-71					11		10,604	3.86	409						
126713 SCOTCH HAVEN INTERNATIONAL....*		4	14	2-31,52	23	1.6	9,625	3.81	367	44	31	-487	.00	-19	-28
02-14-62 103949 563159 9-70					14		11,199	3.83	429						
126732 GOLDEN SUNSET LUCKY BRAND.....*		1	19	1-14	19	1.4	11,051	3.77	417	6	22	+117	-.04	0	+3
11-17-62 123785 651800 5-71					10		10,465	3.98	416						
126762 PORTEROALE BETTYS WAN.....*		3	10	2-21,23	16	2.1	12,451	4.13	514	13	32	+117	+.04	+9	+11
03-01-63 117936 608881 5-71					46		12,190	4.02	490						
126771 MACKAYR ROYAL 808.....*		1	18	1-33	18	2.1	9,141	3.62	331	12	25	+105	-.03	+1	+4
03-14-63 116767 614067 5-71					10		8,447	3.71	313						
126811 AYLEWARDS ROYAL PRIDE.....*		52	2	18-13,21,	93	1.8	11,280	3.94	444	15	83	-362	+.02	-12	-19
02-07-62 126810 665406 5-71				23,33,42	23		11,787	3.92	462						
126851 SOONER MOOISH JAKE.....*		3	25	1-73	40	1.8	11,559	4.01	464	3	35	+352	+.02	+16	+22
01-27-63 106285 519544 5-71					45		10,504	3.96	416						
126878 SPRING BROOK COMMANDER JIM....*		1	10	1-14	10	1.4	8,435	3.92	331	0	19	-373	+.02	-12	-20
03-24-63 117936 553164 5-71					8		10,289	3.82	393						
126884 BENT-AYR NOBLE 808.....*		1	14	1-73	14	2.1	9,992	3.97	397	7	24	-153	.00	-6	-9
03-01-63 123665 608045 5-71					63		10,575	4.00	423						
126890 AYRKOTA PRIDES LUCKY.....*		1	14	1-41	14	1.9	9,913	3.64	361	20	23	-92	-.02	-6	-7
11-18-62 123656 553407 5-71					9		10,231	3.77	386						
126892 BECK-AYR IRA.....*		3	8	3-23,58,	11	1.0	9,612	3.78	363	33	22	+154	-.02	+4	+7
02-12-63 101527 544800 5-71				65	88		8,666	3.87	335						
126919 MONTANA YELLOWSTONE.....*		1	11	1-81	11	1.6	11,061	3.87	428	0	21	-265	+.01	-9	-14
09-02-62 104237 537646 5-71					21		12,492	3.84	480						
126926 BURNSIDE BEAU IDEAL 2ND.....*		13	4	9-14,16,	24	1.6	10,793	3.86	417	46	49	-554	+.02	-20	-31
10-30-56 114239 626947 5-71				41,42,91	27		12,008	3.86	463						
126927 BURNSIDE PATHFINDER.....*		9	2	5-14,16,	13	2.1	10,394	3.82	397	18	43	-570	-.04	-26	-36
12-01-53 113234 522909 5-71				21,23,33	23		11,807	3.92	463						
126936 ALTA VISTA ADMIRAL JIM.....		1	13	1-42	13	1.4	9,891	3.96	392	15	21	-65	+.02	0	-2
11-09-62 122626 619591 9-70					7		10,112	3.87	391						
126948 OAK RIDGE FLASHY BARON.....*		1	11	1-93	11	1.3	13,289	4.11	546	0	20	-44	+.02	+1	0
08-20-63 120135 590931 1-71					56		13,790	4.01	553						
126956 DESERT CRESTS SIXTY GRAND.....*		1	12	1-86	12	1.4	12,056	3.94	475	**	21	-56	+.02	0	-1
08-19-62 112575 493538 5-71					28		12,471	3.86	482						
126971 SHAT-ACRES COMMANDER.....*		1	17	1-13	17	1.4	12,416	3.77	468	6	22	+161	.00	+6	+9
10-03-63 117936 580997 5-71					15		11,746	3.74	439						
127014 MELODY LANE HI-BID.....*		4	4	2-42,47	15	1.1	12,305	3.46	426	10	34	+482	-.06	+12	+22
09-16-63 117936 537111 5-71					33		10,871	3.54	385						
127038 LAKEWOOD LORD SPARKLER.....*		1	15	1-13	15	1.5	12,632	3.75	474	13	22	+233	-.03	+6	+11
07-04-63 104237 487388 5-71					20		11,634	3.84	447						
127140 WINDROW GRAND TEDDY.....*		5	5	3-31,61,	12	1.3	9,472	3.95	374	30	30	-301	+.06	-5	-12
09-07-63 116706 622362 5-71				72	16		10,396	3.76	391						
127143 WINDROW GOLDEN BINGO 2ND.....*	91-11	5	11	3-23,35,	22	1.5	10,999	4.35	478	10	34	+119	+.07	+12	+13
10-26-63 116706 572484 5-71				73	16		10,597	4.18	443						
127163 GLEN FARM PAR.....*		1	10	1-12	10	1.2	11,504	3.76	432	14	19	+16	-.01	0	0
07-17-63 123531 448000 1-71					20		11,451	3.84	440						
127185 GREENBRIAR BETTYS VALLI HI....*	21-10	74	2	16-12,13,	120	1.3	11,852	4.01	475	10	85	-43	+.11	+10	+7
10-16-63 117936 596170 5-71				16,21,33	21		11,992	3.89	467						
127189 SENELAKECA BEAVER.....*	21-10	40	3	9-13,14,	70	1.2	12,750	3.95	504	20	74	+380	+.04	+20	+26
11-21-63 101527 639470 5-71				16,21,23	23		12,365	3.90	482						
127192 GREENRANGE BIG REO.....*		5	4	2-13,21	10	1.2	13,756	3.80	523	44	27	+293	.00	+11	+17
10-25-63 117936 586111 9-70					19		12,838	3.79	486						
127201 DEL-ACRES KING OON.....*		1	23	1-50	23	1.3	12,216	4.45	544	14	23	+37	+.06	+8	+8
10-09-63 109256 612412 1-71					22		12,159	4.27	519						
127222 MIDDLE BROOK GYPIES COMMANDO..*		3	7	2-31,35	10	1.2	11,718	4.01	470	**	23	+42	+.01	+3	+4
01-06-63 117936 561674 5-71					12		11,578	3.96	459						
127223 MIDDLE BROOK MYRNAS VICTORY...*		2	13	1-32	15	1.6	9,910	4.03	399	8	24	-40	.00	-2	-3
04-27-63 119160 561671 5-71					13		9,965	4.08	407						
127225 SHUKSAN ACE HIGH.....*		2	7	1-91	10	2.2	12,834	4.18	537	10	26	+269	+.02	+13	+18
03-17-63 116092 472188 1-71					13		11,883	4.16	494						
127228 BRISKLEA VERNON.....*		2	10	2-21,23	12	2.1	11,648	4.03	469	0	25	-124	+.02	-3	-6
09-05-63 118304 612899 5-71					35		12,261	4.00	491						
127234 UNION AYR WISE LADDIE.....*		1	19	1-48	19	1.8	10,293	3.98	410	21	24	-310	+.02	-10	-16
06-06-62 118774 550475 5-71					26		11,620	3.93	457						
127239 JAY-AYR FANCYS LUCK CHARM.....*		3	11	2-48,85	23	1.5	10,870	4.11	447	18	35	-191	+.05	-2	-7
08-02-63 118062 610319 5-71					22		11,454	3.99	457						
127250 GREENBRIAR BETTYS CORPORAL....*		5	7	2-21,23	16	1.4	12,860	3.87	498	15	33	+39	-.02	-1	0
08-20-63 117936 570217 5-71					10		12,921	3.96	512						
127273 HI-LANES ROYAL COMMANDER.....*		5	5	1-42	14	1.4	10,681	3.89	415	7	33	+255	.00	+10	+15
08-24-63 116767 596107 5-71					5		9,775	3.89	380						
127288 RUSSET VALLEY S. REGINALD.....*		1	13	1-15	13	1.4	10,165	3.89	395	0	21	-451	+.03	-14	-23
11-25-63 122795 636941 5-71					20		12,463	3.78	471						
127296 GREENRANGE PRESTIGE.....*		1	15	1-12	15	1.3	10,667	3.99	426	23	21	-230	+.05	-4	-9
12-25-63 101527 588716 5-71					12		11,838	3.81	451						
127321 ARDROSSAN BLIZZARD.....*		1	15	1-23	15	1.7	11,106	4.18	464	27	23	-268	+.01	-9	-14
08-10-63 113387 501604 5-71					77		12,420	4.15	516						
127343 SHER-OTTS ROYAL LLOYD.....*		1	13	1-35	13	1.8	10,983	3.60	395	8	22	+195	-.04	+3	+8
09-16-63 116767 578571 5-71					17		9,963	3.77	376						
127365 MEREDITH FORESTER.....*		7	7	6-12,14,	20	1.7	14,580	3.92	571	6	39	+87	+.08	+12	+12
01-11-64 116767 622253 5-71				16,21,52	28		14,718	3.74	551						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	DAUGHTERS AND HERDMATES HM/DAU	REC/DAU	MILK HERDMATE	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
127373 BUCKNERS LUCKY ORACLE.....*		2	10	1-33	13	1.6	11,211	3.80	426	23	25	+135	-.02	+3	+6
01-03-64 104237 620147 5-71					7		10,632	3.88	412						
127399 HOME SITE JENS GRAND.....*		1	10	1-21	10	1.5	10,029	3.69	370	0	20	-156	+.02	-4	-7
01-07-62 112575 567967 9-70					13		10,789	3.63	392						
127411 SOONER ROYAL PRIMATE.....*		2	20	1-48	22	1.6	11,833	3.73	441	29	25	-116	-.01	-6	-8
12-17-63 116767 583382 5-71					9		12,431	3.81	473						
127427 FENTONS BEAUTYS STORM.....*		2	9	1-31	11	1.5	10,198	3.98	406	17	22	-112	+.03	-1	-4
08-02-62 112575 313836 5-71					23		10,664	3.87	413						
127438 WOLLAMS NAPPY PANCHO.....*		3	4	1-91	11	1.3	11,261	3.93	442	25	29	-143	+.03	-2	-5
01-14-63 110671 500456 1-71					14		11,839	3.83	453						
127479 ROCKY KNOLLS NAPPY.....*		2	12	1-14	14	1.3	10,876	3.85	419	8	22	-178	+.01	-6	-10
11-17-63 110671 458332 5-71					17		11,744	3.84	451						
127520 SUNSET LAWN COINS SPECTOR.....*		1	12	1-32	12	1.0	11,766	4.06	478	73	19	+67	+.01	+4	+5
04-14-64 123595 618061 5-71					20		11,437	4.01	459						
127563 WINDROW BINGOS LANCER.....*		1	14	1-52	14	1.3	10,029	4.34	435	0	21	-1	+.05	+6	+5
03-08-64 116706 513016 5-71					20		9,920	4.04	401						
127591 J-AYR ORACLES DUKE.....*		2	8	1-33	10	1.9	11,226	3.69	414	11	23	+39	-.01	0	+1
11-06-62 104237 599257 9-70					12		11,054	3.73	412						
127630 DALTONDALES BLUE.....*	91-11	2	12	2-33,35	14	1.6	9,579	4.48	429	25	24	-271	+.04	-6	-12
11-11-63 96339 616466 5-71					23		10,667	4.34	463						
127681 SHIREDALE ROYAL ADVANCER 2ND..*		2	9	1-31	11	1.1	11,646	3.80	442	9	21	+49	-.01	+1	+2
10-01-63 122549 609098 9-70					15		11,442	3.82	437						
127683 TOLL GATE AYR ROYAL.....		1	15	1-54	15	1.1	8,999	3.79	341	**	20	-327	.00	-13	-19
09-07-63 116767 493188 9-70					21		10,585	3.87	410						
127688 GLENGARRY R JEANS CAPTAIN.....*		14	5	9-14,21,	31	1.8	11,914	3.87	461	17	55	-134	+.03	-2	-5
12-19-56 119647 406881 5-71				42,47,58	30		12,275	3.84	471						
127696 TREASURE ACRES ROYAL LLOYD....*		4	5	3-41,42,	10	1.2	11,277	3.81	430	20	25	+336	-.04	+9	+16
01-18-64 116767 579468 1-71				46	12		9,782	3.99	390						
127715 OAKMORE ROYALTYS PRINCE.....*		1	14	1-31	14	1.3	11,331	3.70	419	0	21	-8	-.04	-5	-4
03-08-64 122582 617205 5-71					13		11,402	3.94	449						
127775 VALHALA CAPTAIN.....*	21-10	51	3	10-13,14,	92	1.3	13,107	3.81	500	12	80	+641	-.10	+13	+27
03-16-64 116767 625310 5-71				16,21,23	27		12,442	3.93	489						
127833 JAY-AYR MARIAS LUCK 2ND.....*		1	11	1-61	11	1.0	12,275	3.74	459	17	18	-62	-.01	-4	-5
02-25-64 118062 610320 5-71					10		12,789	3.87	495						
127937 TUMBLEWEED FARMS DON.....*		1	10	1-31	10	1.3	11,240	3.85	433	20	19	-30	+.01	0	-1
04-04-64 119568 618620 5-71					15		11,436	3.84	439						
127943 WOODS CREEK ROYAL MAGIC.....*		2	16	1-91	20	1.7	12,439	3.64	453	20	27	-167	-.02	-9	-12
11-09-63 116767 635666 5-71					12		13,281	3.73	495						
127948 HANDS ROYAL MYRON.....*		3	15	1-48	20	1.2	10,360	3.94	408	11	26	-318	+.01	-11	-17
01-12-64 116767 607997 5-71					28		11,652	3.93	458						
127989 MACKAYR DOCTOR LARRY.....*		2	10	1-42	12	1.5	10,380	3.89	404	27	23	-219	+.01	-8	-12
06-16-64 124248 458322 5-71					20		11,360	3.91	444						
127996 ZUMBACH FARMS PREWAR MAGNUS...*		6	3	3-33,42,	11	1.7	10,444	3.81	398	17	34	-188	+.03	-4	-8
10-01-62 120548 588366 5-71				47	25		10,990	3.75	412						
128019 OAK RIDGE COMETS KAVALIER.....*		3	8	2-33,48	11	1.0	14,272	3.90	557	10	22	+347	-.02	+11	+18
09-22-64 122324 590918 5-71					14		12,865	4.01	516						
128074 MOR-AYR HIGHLANDER.....		2	15	2-41,65	17	1.6	10,812	3.76	406	**	25	-56	-.01	-3	-4
05-19-63 124820 662355 1-71					16		11,036	3.83	423						
128083 VELHUE SUNBAR.....*		1	12	1-73	12	1.1	12,602	3.87	488	9	19	-48	+.04	+2	0
12-24-60 119280 491676 9-70					18		13,053	3.70	483						
128106 MACKAYR PREF. MAN.....*		2	9	2-13,33	11	1.0	11,760	3.83	450	18	20	-192	+.03	-4	-8
08-19-64 117528 590111 5-71					15		12,905	3.71	479						
128108 MACKAYR PREF. MIKE.....*	21-10	83	3	12-13,14,	150	1.1	11,895	3.89	463	20	86	-181	+.01	-6	-10
09-10-64 117528 584504 5-71				15,16,21	24		12,218	3.89	475						
128112 WOODHULL HARLEY DAN.....		1	12	1-48	12	1.1	12,310	4.03	496	10	19	+317	+.01	+14	+20
11-02-62 113361 552960 5-71					19		10,588	4.00	423						
128124 BURR-AYR FARMS CAPTAIN CLIPPY.*		3	12	2-15,21	16	1.3	12,194	3.71	453	29	25	-38	+.01	0	-1
08-28-64 117270 467109 5-71					25		12,489	3.68	459						
128147 CRYSTAL SPRING BEVS HIGHBROW..*		2	12	2-12,14	17	1.4	12,496	3.95	493	15	27	+240	-.04	+5	+10
07-01-63 122194 467519 5-71					14		11,646	4.10	478						
128156 REIDINA ROYALS SCOTT.....*		1	34	1-23	34	1.6	12,515	4.20	526	9	26	+87	+.02	+6	+7
02-02-64 116767 543851 5-71					70		12,293	4.16	511						
128184 SCAPELAND BRIGADOON.....*		2	9	1-13	11	1.4	15,981	3.44	549	0	22	+303	-.05	+6	+13
08-22-64 117936 648168 5-71					19		14,983	3.54	530						
128186 ELK RUNS ROYAL LIGHTNING.....*		2	6	1-42	10	1.1	13,206	3.77	498	10	23	+298	-.01	+10	+16
08-22-64 116767 628735 1-71					11		12,011	3.80	456						
128187 ELK RUNS ROYAL BATTLE-AX.....		2	9	1-42	11	1.0	10,965	3.47	381	9	20	+111	-.05	-1	+2
08-24-64 116767 628733 5-71					12		10,332	3.74	386						
128218 MODERN AYR RED DEVIL.....*		6	5	4-35,41,	15	1.1	9,892	3.92	388	**	33	-156	+.05	-1	-5
01-24-64 124927 599346 5-71				46,47	11		10,285	3.79	390						
128251 SUNBEAM LUCKY ROYAL.....*		2	10	2-47,48	19	1.4	9,572	4.03	386	0	32	-215	-.01	-9	-13
09-22-64 116767 496034 5-71					38		10,154	4.08	414						
128275 FAIR MEADOWS MEGATHON.....*		5	7	2-23,51	16	1.4	10,936	4.25	465	25	33	+87	+.07	+11	+11
12-18-62 117936 365196 5-71					25		10,621	4.07	432						
128287 LANEWAY NORTHERN LIGHT.....*		1	19	1-55	19	1.5	9,486	3.93	373	6	23	-378	-.04	-19	-26
03-16-64 104237 432412 5-71					16		11,134	4.17	464						
128289 MAR-RAL HI KICK.....*		2	10	2-23,33	13	1.2	16,075	3.86	621	8	23	+768	-.04	+25	+41
05-22-64 117936 646508 5-71					39		12,931	4.04	522						
128290 MAR-RAL SNOW CHIEF.....*		1	10	1-31	10	1.2	13,728	3.90	535	0	19	+205	.00	+8	+12
06-08-64 117936 590459 5-71					26		12,795	3.89	498						
128336 ZUMBACH FARMS PREWAR ADVANCE..*		4	8	2-42,47	16	1.6	11,049	3.78	418	8	32	-54	+.06	+4	+2
11-10-62 120548 600993 5-71					39		11,234	3.57	401						
128373 MEREDITH DURANDEL.....*		8	1	5-14,16,	10	1.1	11,008	3.78	416	20	33	-194	.00	-8	-12
05-06-64 122231 566047 5-71				21,47,61	16		11,659	3.81	444						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF DAU HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
128428 MILAWAY DAN.....*	21-10	14	1	3-13,21,	18	1.0	12,414	3.83	475	11	46	+169	-.04	+2	+6
04-30-65 118834 556824 5-71				23	20		12,149	3.91	475						
128542 SELWOOD LOVELY BOY.....		1	13	1-34	13	1.2	11,636	3.66	426	23	20	+145	-.03	+2	+5
09-05-63 117936 692230 5-71					9		10,894	3.80	414						
128591 PORTEROALE LLOYD.....*		1	13	1-21	13	1.1	11,476	3.83	439	8	19	-274	-.05	-16	-20
03-03-65 116767 555044 5-71					37		13,090	4.09	535						
128638 MOOERN AYR FANCYS LEADER.....*		2	11	2-41,47	13	1.2	10,666	4.07	434	31	22	-426	+.08	-8	-18
03-13-64 124927 596907 5-71					7		12,784	3.77	482						
128746 SANO KNOBS ROYAL GLEN.....*		1	11	1-48	11	1.1	11,975	3.79	454	27	19	+51	-.02	0	+1
11-07-64 116767 667807 5-71					8		11,769	3.89	458						
128854 MONTANA ZULU.....*		1	10	1-81	10	1.5	14,640	3.73	546	0	20	+410	-.03	+13	+21
12-21-63 116767 470744 5-71					24		12,753	3.80	484						
128997 CARNELL SUPER STYLE.....*		4	5	3-13,14,	11	1.0	11,574	3.96	458	9	26	-163	-.02	-9	-12
12-21-64 128996 697910 5-71				21	26		12,333	4.09	505						
129162 MEREDITH MERITORIOUS.....*		5	15	3-42,47,	24	1.0	11,555	3.83	442	25	28	+109	-.02	+2	+4
04-24-65 127688 662852 5-71				48	34		11,170	3.90	436						
129316 MIDDLE BROOK MAUDES VICTORY...*		1	14	1-31	14	1.6	11,743	4.07	478	18	23	-219	+.01	-7	-11
05-05-63 119160 413852 5-71					20		12,898	4.05	522						
129464 SEVEN-AYR BOBS LUCK.....*		1	13	1-46	13	1.5	10,200	3.89	397	0	21	-103	+.01	-3	-5
05-19-65 126712 649112 5-71					6		10,643	3.87	412						
130092 BONA VISTA ROYAL TRENO.....*		2	8	1-31	10	1.3	11,641	4.05	471	11	21	+47	+.03	+5	+5
11-17-64 116767 621229 5-71					16		11,451	3.93	450						
131173 BARDSHIRE BETTYS JUDY BOY.....*		5	3	1-21	13	1.1	11,156	3.76	419	50	33	-319	+.03	-9	-16
12-20-62 117936 564410 5-71					15		12,243	3.68	451						
010056339 .....*		1	12	1-41	12	1.0	12,438	3.55	441	**	19	+58	-.05	-3	-1
5-71					4		12,237	3.78	463						
48WHH7101		1	20	1-48	20	1.3	9,159	3.73	342	10	22	-5	.00	0	0
5-71					4		8,973	3.71	333						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
275036 YELLOW CREEK MEADOW KING.....*	22-03	9	2	6-21,22,	12	1.6	8,655	4.86	421	**	38	-332	+.06	-10	-17
05-28-38 244127 409964 5-71				23,32,43	17		9,519	4.74	451						
297107 FAIRLAWN H. EASTERN KING.....*		22	2	10-16,21,	28	2.5	9,875	4.87	481	**	63	-29	+.06	+4	+3
12-20-40 189962 370838 5-71				22,23,56	24		9,955	4.80	478						
321378 SHANTITUCK DAISY-S MIDNIGHT...	35-02	10	2	1-35	12	2.0	9,057	4.82	437	**	42	+157	+.06	+13	+15
01-01-42 258560 433538 5-71					10		8,575	4.66	400						
323287 MAPLE LANE HEWESHURST PEERLESS*		2	11	1-21	13	2.8	8,925	4.93	440	**	25	-158	+.02	-5	-8
06-16-42 283279 400509 5-71					9		9,541	4.89	467						
359246 FLYING HORSE MASTER-S DON.....*	93-05	23	3	7-21,31,	42	2.6	10,743	4.88	524	**	67	+158	+.15	+22	+22
08-13-44 277540 641767 5-71				34,91,93	17		10,603	4.68	496						
386844 HORSE SHOE CONRAD-S BOSWELL...*		15	5	8-14,16,	25	2.9	9,132	4.71	430	6	52	-54	-.03	-5	-6
01-21-46 301376 635601 5-71				31,33,41	19		9,194	4.79	440						
387361 GREAT ELM C. INITIATOR.....	11-01	55	3	2-11,22	108	3.1	9,143	4.95	453	**	85	-254	+.17	+4	-3
01-15-46 279693 622851 5-71					9		9,421	4.76	448						
389662 ARGILLA SUPER8.....	11-01	46	3	1-11	80	2.1	8,450	4.53	383	**	80	-605	-.14	-41	-50
06-11-46 203950 541858 5-71					9		9,164	4.74	434						
390615 GIPPY PRINCE LADDIE.....		1	21	1-56	21	2.1	9,035	4.38	396	**	25	+68	-.01	+2	+3
04-12-46 282095 756321 1-71					2		8,670	4.38	380						
392949 FRANCHESTER HANDY MILKMAKER...*	31-01	32	4	5-31,34,	66	2.8	8,653	4.67	404	**	75	-223	+.07	-4	-9
05-18-46 321781 621640 5-71				56,58,74	20		8,875	4.59	407						
398003 GOLDEN BULL FARMS GOLDEN.....*	63-02	12	2	2-61,63	19	2.0	8,332	4.55	379	**	51	+58	-.03	0	+2
10-26-46 258675 703219 5-71					8		8,061	4.63	373						
404546 HOMINY HILL SUPREME.....*		19	25	9-22,23,	71	2.7	8,088	4.70	380	12	52	-187	+.08	-1	-6
03-10-47 240947 615411 5-71				73,74,85	35		8,318	4.53	377						
412729 MCDONALD FARMS STEADFAST EMORY*		14	21	6-21,23,	44	3.9	9,558	4.80	459	**	45	+45	+.03	+5	+5
11-14-46 357051 978175 5-71				52,55,56	31		9,439	4.75	448						
417129 CEDARCROFT BANDMASTER.....*	92-01	10	13	2-91,92	28	2.8	10,153	4.54	461	**	40	-44	-.01	-3	-4
08-30-47 359246 860054 5-71					14		10,335	4.59	474						
421253 PLEGROSANT PRINCE LADDIE.....*	35-75	22	2	2-35,41	28	2.0	8,662	4.93	427	**	61	-187	+.08	-1	-6
07-16-46 235690 444411 5-71					11		8,895	4.82	429						
422317 SHANTITUCK CHUM-S JIMMY.....*	35-04	30	10	6-33,34,	95	2.8	9,270	4.53	420	6	74	+280	-.13	0	+7
01-30-48 387662 911206 5-71				35,41,42	11		8,808	4.76	419						
422711 HOMINY HILL CHAMPION.....*	33-03	83	2	29-16,22,	127	3.1	10,646	4.50	479	7	88	+443	-.19	+1	+12
02-03-48 240947 839586 5-71				23,56,93	34		10,200	4.72	481						
424343 MCDONALD FARMS AUGUSTA-S IDEAL*	35-05	84	4	13-31,32,	157	3.1	9,395	4.76	447	**	89	+78	+.07	+10	+10
11-03-47 366434 385319 5-71				35,41,42	14		9,271	4.69	435						
424925 LANGWATER VICEROY.....*		7	26	6-21,22,	38	2.7	9,328	4.53	423	**	36	-238	-.04	-15	-19
02-14-48 252899 590861 5-71				23,33,61	31		10,037	4.67	469						
424926 LANGWATER SUPREME.....*	31-01	22	4	12-12,14,	46	2.8	9,029	4.30	388	4	70	-264	-.23	-34	-35
03-12-48 252899 459439 5-71				23,31,32	39		9,384	4.67	438						
429069 VILLA-WAY KING PHILOSOPHER....*	61-01	18	2	4-31,58,	26	2.4	8,316	4.65	387	**	60	-16	.00	-1	-1
04-02-48 303703 557823 5-71				61,63	8		8,201	4.68	384						
429156 WYNO BEAUS SAINT.....*	23-08	70	4	10-14,21,	124	2.7	8,906	5.00	445	16	85	-630	+.20	-11	-25
03-24-48 373766 738654 5-71				23,50,51	20		9,649	4.78	461						
431108 HANES- ROBERT DICKS.....*		15	96	6-63,65,	148	3.5	8,260	4.49	371	**	42	-308	.00	-14	-20
04-17-48 372734 733542 5-71				72,73,74	55		8,934	4.52	404						
431647 HOMINY HILL CORONATION PRINCE.*	33-03	18	2	10-11,14,	24	2.6	8,410	4.73	398	**	59	-588	+.07	-21	-33
05-22-48 250949 615412 5-71				22,23,72	24		9,390	4.63	435						
431720 STERLINGOLD MARAUDER.....*	35-04	33	8	6-35,42,	90	2.4	8,791	4.91	432	18	74	-329	+.13	-3	-11
04-26-48 362350 614628 5-71				65,85,87	40		9,195	4.75	437						
432372 CLA-ORE MONOPOLY-S QUOTIENT...*		1	24	1-92	24	1.7	7,871	5.36	422	**	25	-147	+.07	0	-4
08-02-48 359212 857197 5-71					9		8,339	5.02	419						
435547 BOULDER BRIOGE PRIZE.....	41-04	27	2	3-35,41,	41	2.0	8,248	4.96	409	**	68	-261	+.13	0	-7
11-13-47 354611 844809 5-71				42	9		8,526	4.74	404						
438179 BOULDER BRIDGE ARCHITECT.....	41-04	16	1	3-35,41,	18	1.6	9,102	4.83	440	**	50	+22	+.04	+5	+5
04-18-48 339328 844815 5-71				45	8		8,993	4.75	427						
442535 BENTON-S LORD MACK.....*		3	15	2-52,63	19	2.6	7,857	4.87	383	**	29	-159	+.05	-3	-7
11-25-48 394778 911506 5-71					27		8,282	4.73	392						
444295 BONNIBELL VIKING.....*		5	20	1-91	32	2.0	10,882	4.48	487	**	34	+110	-.08	-3	0
01-21-49 373479 933494 5-71					6		10,663	4.73	504						
446227 WANDAMERE ANSONS BONO.....*		23	35	6-23,52,	90	2.7	10,364	4.65	482	18	50	+23	-.04	-3	-2
06-08-49 298155 868370 5-71				63,91,92	28		10,395	4.76	495						
448495 FLYING HORSE FAIR HOLLISTAN...*	12-03	52	5	7-11,12,	139	2.7	9,077	4.55	413	23	85	-185	-.08	-16	-18
06-11-49 294846 819106 5-71				13,14,16	12		9,258	4.66	431						
449924 MULHOCAWAY BUTTERFAT TRIBUNE..*	52-01	40	2	1-52	60	2.3	8,368	5.04	422	**	76	-130	+.22	+15	+9
03-20-49 396069 629554 5-71					13		8,419	4.73	398						
456634 STERLINGOLD LORD LYDON.....*	14-01	21	5	4-13,14,	37	3.8	10,328	4.67	482	0	62	+208	-.07	+3	+8
08-24-49 408223 881962 5-71				15,16	10		10,034	4.79	481						
457544 CURTISS CANDY CHIEF JUSTICE...*	33-03	108	1	23-13,21,	129	2.6	8,172	4.71	385	**	89	-683	+.03	-29	-42
01-17-50 354224 893644 5-71				23,32,35	14		8,863	4.69	416						
458610 SKYLINE KING-S MASTER.....	41-04	33	1	2-35,41	40	2.1	8,443	4.76	402	**	70	-478	+.02	-20	-29
10-05-49 372735 784677 5-71					8		9,072	4.75	431						
460378 WESTERN GLOW JAMES O-WAR.....*	91-01	20	3	2-82,91	32	2.1	10,529	4.91	517	**	62	+279	+.05	+18	+22
01-20-50 394072 874952 5-71					10		10,131	4.86	492						
462050 WELCOME IN CLAREMORE.....*		7	5	2-31,65	14	2.8	8,169	4.84	395	**	38	-299	+.10	-5	-12
03-15-50 404089 1028979 5-71					26		8,893	4.58	407						
462589 HILL GIRT SPARTAN.....*	23-05	62	2	1-23	91	2.4	8,658	4.89	423	25	84	-432	+.13	-8	-18
01-06-50 342092 819184 5-71					10		9,124	4.73	432						
464028 SANFADAIR ROYAL CHASKA.....*	35-06	12	3	2-35,41	24	2.7	9,133	4.65	425	**	56	-39	-.02	-4	-4
03-26-50 417592 758922 5-71					14		9,157	4.72	432						
465100 ADOHR PRETORS PROSPECTOR.....		2	85	1-85	87	2.5	12,283	4.28	526	**	30	+380	-.04	+14	+21
03-17-50 370946 852741 5-71					468		11,190	4.32	483						
465510 HAM FARM KING IDEAL.....*		5	28	2-52,63	37	2.6	8,546	4.87	416	**	33	-101	+.05	0	-3
03-03-50 451884 1044265 5-71					26		8,771	4.75	417						

REGISTRATION NUMBER NAME DF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
465971 BESSS GLENMONT OF HOME SUPPLY.*	35-75	77	4	25-32,55,	122	2.6	9,639	4.54	438	6	85	+380	-.07	+11	+19
06-23-50 418570 1046833 5-71				57,85,93	75		9,146	4.62	423						
467421 FRANCHESTER P. WISTAR.....*		13	23	4-31,52,	51	3.5	10,394	4.58	476	14	46	+183	-.08	+1	+6
06-20-50 361037 664860 5-71				55,58	19		10,036	4.76	478						
467477 TARBELL ROMULUS LUCIUS.....*		3	75	1-58	84	2.9	8,597	4.33	372	**	33	-89	-.02	-6	-7
04-18-50 312391 979126 5-71					49		8,791	4.40	387						
468063 WILSONA FARMS COMMANDO.....*		6	8	2-91,92	27	2.8	9,971	4.69	468	**	47	+57	-.03	C	+1
04-24-50 389048 709274 5-71					19		9,875	4.79	473						
468122 GREENFIELD MUSIC MAKER.....*		8	31	2-35,42	60	3.3	9,073	4.93	447	**	43	-63	+.03	C	-2
07-25-50 423087 953005 5-71					20		9,175	4.87	447						
468706 WANDAMERE DOUGLAS BERWICK.....*	93-10	9	7	1-93	28	2.5	8,600	4.99	429	0	49	-503	+.15	-10	-21
10-10-50 249045 959360 5-71					26		9,631	4.69	452						
470375 FAIRLAWN ACTOR-S PENNY BOY....*		4	29	1-23	70	3.8	9,431	4.82	455	5	50	+111	-.03	+2	+5
06-30-50 322785 646546 5-71					27		9,162	4.92	451						
470390 DDRAL FARM PRINCE CHICD.....*	42-08	19	2	2-42,47	32	2.5	8,888	4.77	424	14	64	-60	+.03	C	-2
08-26-50 411309 832345 5-71					8		8,911	4.74	422						
470530 HENSLEE FARMS GALAHADS ALERT..*	63-02	6	4	2-61,63	12	3.1	7,974	4.51	360	**	37	-208	-.01	-11	-15
07-16-50 365829 657963 5-71					20		8,422	4.61	388						
471823 MAURANA MASTERS KEYMAN.....	41-01	58	5	6-32,41,	133	2.7	8,533	5.02	428	**	85	-535	+.20	-7	-20
11-30-50 385582 810900 5-71				45,46,72	9		9,116	4.79	437						
474647 WANDAMERE DDUG-S HERCULES.....*		5	5	3-51,91,	15	4.1	9,748	4.83	471	**	40	+88	-.03	+1	+3
02-15-51 249045 959362 5-71				92	25		9,517	4.94	470						
474933 PRICE-S TINKLE GRANDBOY.....*		4	4	1-92	13	3.6	8,802	5.09	448	**	38	-211	+.07	-3	-8
09-27-50 343774 1106064 5-71					28		9,327	4.92	459						
476003 FAIRLAWN COURTESY-S PERFECTION*		2	11	1-31	18	3.0	8,590	5.04	433	**	33	-100	+.06	+1	-2
12-07-50 362350 857329 5-71					9		8,817	4.84	427						
476113 DUNWALKE N. K. FINANCIER.....*		3	18	1-23	35	3.0	9,350	4.58	428	17	40	-99	-.03	-7	-8
04-12-51 453191 922297 5-71					20		9,594	4.67	448						
476271 QUAIL RODST RAY ACTOR.....*		3	51	1-55	57	3.4	8,309	4.98	414	3	33	-204	-.04	-13	-16
04-02-51 400379 902527 5-71					42		8,847	5.17	457						
476787 WEY ACRES B.S ALL-MELBA.....*		3	21	1-35	26	2.3	7,566	4.81	364	**	30	-253	+.08	-4	-10
01-19-51 448633 861355 5-71					14		8,285	4.53	375						
477017 HAM FARM IDEAL P WHISTLER.....*		3	21	1-52	28	2.5	8,467	4.75	402	**	32	-30	+.01	C	-1
02-16-51 451198 476754 5-71					26		8,447	4.76	402						
478507 YELLOW CREEK BUTTERFAT MASTER.*	34-01	70	3	2-34,35	117	2.7	8,869	4.79	425	18	86	-353	+.03	-14	-21
02-11-51 434946 1088748 5-71					10		9,242	4.78	442						
478685 UPLANDS GOLDEN FLARE.....*		3	8	1-21	13	1.6	8,193	4.86	398	**	28	-185	+.02	-7	-11
12-20-50 411116 1000582 5-71					6		8,784	4.84	425						
479469 NORTHFIELD JIM DANDY.....*		2	13	1-51	25	3.0	9,543	4.39	419	**	38	+24	-.12	-10	-8
03-07-51 278121 917148 5-71					18		9,462	4.73	448						
479498 CUTHBERT FARM DEXTER.....		1	12	1-41	12	1.8	9,078	4.75	431	**	21	-144	.00	-7	-10
01-09-51 347626 1124024 1-71					3		9,771	4.80	469						
479912 WHITE LICK FARMS TRAVELER.....*		12	4	2-31,32	25	2.8	9,707	4.64	450	7	55	+385	-.05	+13	+21
07-06-51 473219 1310667 5-71					20		8,937	4.74	424						
480643 GOLDKIST ROYAL CHIEF.....*	93-01	6	4	1-93	16	2.3	10,693	5.14	550	**	41	-7	+.11	+10	+8
06-24-51 391604 1011170 5-71					21		10,832	4.93	534						
480732 GOLDEN GRANGE IDEAL KING.....*		18	2	5-31,32,	27	2.1	8,826	4.92	434	**	59	+17	+.14	+14	+12
12-19-50 424343 1059244 5-71				33,35,72	12		8,704	4.68	407						
480854 WANDAMERE PHYLLISS DEVELOPER..*		13	10	8-21,56,	52	3.3	9,935	4.71	468	17	61	-33	+.02	0	-1
08-02-51 249045 1000235 5-71				63,91,92	28		10,031	4.72	473						
482994 MCDONALD FARMS LE ROYAL.....*	35-05	12	4	1-35	26	1.5	9,187	4.72	434	**	49	+14	+.05	+5	+5
08-26-51 423199 1337462 5-71					7		9,106	4.63	422						
483285 WILGORLAN FARMS KINGS STAR....*	35-02	68	3	8-16,31,	126	3.0	9,300	4.83	449	10	87	-243	+.10	-2	-8
10-06-51 329184 685542 5-71				32,35,42	14		9,575	4.73	453						
483548 DORELLA ARCHER-S PAN.....*		1	13	1-93	13	4.2	11,336	4.87	552	**	27	-54	+.04	+1	-1
05-16-51 407644 1076756 5-71					72		11,756	4.76	560						
483557 FAIRLAWN K. DOMINANT.....*		29	2	9-14,16,	37	3.2	10,724	4.77	512	**	70	+443	+.07	+28	+35
06-01-51 297107 862692 5-71				21,23,51	20		10,140	4.68	475						
483672 GREYSTONE MAGICIAN.....*		2	34	2-21,23	36	3.4	9,164	4.90	449	**	31	-347	+.09	-8	-16
07-08-51 342652 753298 5-71					14		10,368	4.65	482						
484238 MCDONALD FARMS LE REWARD.....*	35-02	30	7	7-16,21,	54	3.7	10,570	4.90	518	14	68	-50	+.11	+8	+5
09-29-51 423199 1162110 5-71				23,34,35	14		10,758	4.77	513						
484493 WANDAMERE BONDS DEFENDER.....*		23	25	6-33,51,	86	3.6	10,592	5.02	532	**	58	+167	+.04	+12	+14
12-09-51 446227 965327 5-71				71,91,92	28		10,379	4.99	518						
485330 VILLA CREST HELEN COMBINATION.*		2	33	1-32	35	4.1	8,090	5.01	405	**	32	+38	+.05	+7	+7
03-27-51 443636 621712 5-71					6		7,784	4.82	375						
486831 LOCUST GROVE MERITS ULTRA.....*	41-25	30	8	3-35,41,	67	2.5	9,025	4.89	441	35	69	-312	+.04	-11	-17
12-04-51 428869 1182190 5-71				48	8		9,465	4.85	459						
487362 GRACELAND S. J. BOMBER.....*	61-01	19	1	3-31,61,	22	2.8	7,944	4.39	349	9	59	-309	-.13	-26	-30
01-19-51 318787 1186648 5-71				63	9		8,342	4.66	389						
487843 IDEAL-S WILMA-S BEACON.....*		4	24	2-33,35	31	2.5	8,100	4.57	370	8	32	-115	-.03	-8	-10
09-17-51 473087 1344229 5-71					18		8,338	4.73	394						
488239 ANTIETAM ROYAL JIM.....*		2	6	1-51	11	1.7	7,599	5.08	386	**	28	-319	+.07	-8	-15
09-21-51 341069 910559 5-71					28		8,668	4.81	417						
488399 MULHOCAWAY BUTTERFAT BRAG.....*	56-01	26	30	2-56,64	101	2.3	8,031	4.53	364	**	55	-290	-.01	-14	-19
01-16-52 275036 702178 5-71					22		8,443	4.56	385						
488556 MCDONALD FARMS PRE STATESMAN..*		6	10	3-21,23,	18	3.0	9,565	5.19	496	8	35	-367	+.10	-8	-16
01-28-51 293925 1170187 5-71				32	15		10,713	4.94	529						
488786 MCDONALD FARMS PREMIER.....*		87	7	23-21,23,	188	2.9	10,418	5.01	522	16	88	+208	+.20	+29	+29
12-06-50 293925 1170187 5-71				31,35,47	23		10,242	4.82	494						
488856 GRAND VIEW PHARAOH-S AMBLER...*	21-01	51	2	4-13,21,	63	2.7	8,609	4.53	390	19	79	-674	-.11	-41	-52
01-30-52 298216 845230 5-71				23,63	17		9,444	4.69	443						
489007 HOMINY HILL MUSICIAN.....*	33-03	29	6	12-22,23,	71	2.2	8,392	4.40	369	20	73	-409	-.12	-30	-36
02-07-52 422711 670669 5-71				33,65,93	14		8,878	4.58	407						

REGISTRATION NUMBER / NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	1ST REPT INC	%	PREDICTED DIFFERENCES MILK	%	FAT	$$
489328 DINSMORE MASTER ALBERT.....*		4	28	2-57,58	49	2.8	6,570	4.22	277	**	40	-165	-.04	-11	-13
09-21-51 437214 1100070 5-71					115		6,685	4.35	291						
489997 WANDAMERE D. HAROLD.....*		6	9	1-92	21	3.1	9,577	4.79	459	**	40	-53	+.04	+1	-1
03-04-52 461270 862964 5-71					20		9,723	4.71	458						
490391 IDEAL-S MARG-S BEACON.....*		6	10	1-52	23	2.4	9,812	4.49	441	**	39	-14	+.01	0	0
08-13-51 348362 872945 5-71					11		9,875	4.49	443						
490457 WILGORLAN CORONATION KING.....*		8	23	4-33,35,	35	3.4	8,365	4.59	384	19	37	-175	.00	-8	-11
03-13-52 329184 821466 5-71				42,61	12		8,750	4.61	403						
490972 GOLDWOOD NAVIGATORS IKE.....		1	19	1-51	19	2.0	7,376	4.76	351	**	24	-55	+.02	-1	-2
01-10-52 454484 947902 5-71					18		7,386	4.75	351						
491025 DORELLA ARCHERS THOR.....	93-01	9	12	1-93	46	1.7	8,899	4.85	432	**	51	-281	+.08	-6	-12
12-03-51 407644 1022130 5-71					26		9,433	4.73	446						
491203 ANTIETAM H. ROYALIST.....*		4	11	3-23,51,	16	3.6	11,342	4.90	556	**	33	+305	+.03	+17	+22
02-08-52 447921 1102146 5-71				56	10		10,494	4.86	510						
491487 HOMINY HILL ACHIEVEMENT.....*	23-11	43	10	4-16,21,	123	2.9	9,586	4.69	450	11	78	+98	-.04	+1	+3
04-13-52 431647 463062 5-71				22,23	23		9,442	4.76	449						
491614 BURTON LANE ROMULUS ROYAL HUGO*	33-02	20	2	1-33	27	1.9	8,138	4.92	400	**	60	-532	+.13	-13	-25
01-22-52 340952 941659 5-71					9		8,956	4.69	420						
491754 ADOHR PETER PAN PRINCE.....*	93-02	31	26	12-41,86,	155	1.9	12,361	4.43	547	13	66	+672	-.08	+23	+37
01-12-52 431555 670287 5-71				87,91,93	66		11,537	4.51	520						
491808 BLAKEFORD LORD FAUNTLEROY.....*		13	15	6-21,23,	43	2.3	10,410	4.41	459	14	47	+260	-.08	+4	+10
02-25-52 256253 1128394 5-71				50,51,58	23		9,886	4.57	452						
492015 HILLDALE BUTTERFAT CHALLENGER.	41-04	32	2	4-35,41,	46	2.0	7,939	4.71	374	**	71	-646	+.02	-28	-40
12-07-51 352695 918405 5-71				42,45	8		8,764	4.70	412						
492453 CONOVER-S ANITA JERICHO.....*	35-04	10	1	3-34,35,	13	2.5	7,453	4.58	341	**	45	-393	-.02	-20	-27
04-20-52 401813 803917 5-71				42	15		8,178	4.66	381						
492607 CURTISS CANDY JOLLY CURTISS...*	93-02	6	5	4-33,35,	12	1.7	10,052	4.90	493	0	32	-53	+.06	+3	+1
06-01-52 454224 727313 5-71				85,93	43		10,283	4.76	489						
493860 WEY ACRES B-S MELBA-S LEVITY..*		10	5	5-21,23,	25	2.7	9,265	4.61	427	**	52	+153	.00	+7	+10
02-06-52 448633 861355 5-71				31,56,63	22		8,898	4.61	410						
493867 TANRACKIN CAVALIER.....*		3	5	1-21	11	3.9	9,285	4.87	452	**	35	-21	+.01	0	-1
03-31-52 457476 1070287 5-71					8		9,316	4.87	454						
493896 IDEALS PONTIUS.....*		18	6	10-11,16,	37	2.3	10,293	4.77	491	**	58	+60	-.07	-4	-2
11-08-50 348362 959688 5-71				22,23,52	71		10,251	4.93	505						
493917 IDEAL-S SUSIE-S ROSE KING.....*		17	4	11-21,22,	31	2.4	9,986	4.91	490	**	58	+73	+.05	+8	+9
06-19-51 438326 454010 5-71				33,52,56	60		9,885	4.85	479						
494035 MIDVIEW BEAUTY-S ROMULUS.....*		13	9	7-22,23,	36	2.7	8,248	4.75	392	19	53	-529	+.02	-23	-33
02-25-52 336264 538172 5-71				52,55,56	85		9,215	4.74	437						
494519 QUINCY CAVALIERS GAYLARK.....*	63-01	46	4	5-33,52,	105	2.3	9,158	4.78	438	12	83	+109	+.09	+14	+14
04-27-52 448935 1079035 5-71				58,61,63	18		8,959	4.67	418						
494683 FAIRLAWN K. MARCUS.....*		4	13	1-21	25	3.6	8,599	4.69	403	**	41	-143	+.03	-4	-7
02-29-52 297107 1135280 5-71					11		8,879	4.64	412						
494777 GOLDEN GRANGE IDEAL NORMAN....*	42-02	14	4	2-42,47	31	2.6	8,510	4.74	403	**	58	-64	+.01	-2	-3
03-06-52 424343 1138935 5-71					7		8,509	4.74	403						
494897 COLDSPRINGS B R GOODWILL.....*	23-05	88	2	2-23,85	134	2.6	8,959	4.67	418	**	89	-78	-.02	-6	-7
04-22-52 346696 804773 5-71					10		8,984	4.72	424						
495007 KLONDIKE FERNMOST.....*		18	29	6-52,55,	65	2.9	8,464	4.71	399	**	47	-145	+.07	0	-4
03-06-52 312671 952910 5-71				56,57,64	30		8,684	4.57	397						
495262 MEADOW LANE MAJOR JUVIUS.....*	35-75	12	5	8-34,41,	22	2.8	10,240	4.67	478	**	49	+120	-.07	-1	+2
03-05-52 439085 1140327 5-71				42,87,93	12		10,034	4.85	487						
495300 SHADY REST PHAROAHS MAX.....*		3	39	1-52	50	2.9	8,917	4.71	420	**	34	-37	+.02	0	-1
03-18-52 375039 954261 5-71					35		8,961	4.64	416						
495513 FLYING HORSE ROSE-S PROMISE...*		2	42	1-72	44	3.5	8,095	4.39	355	**	31	-92	-.02	-6	-7
03-25-52 353618 533599 5-71					61		8,260	4.47	369						
495738 MULHOCAWAY BUTTERFAT REBEL....*	56-02	18	7	3-55,56,	60	3.2	8,199	4.48	367	**	70	-20	.00	-1	-1
01-12-52 415353 722304 5-71				58	34		8,073	4.47	361						
495743 FLINCO FARMS AVBS KING BEE...*		2	31	2-64,65	33	3.9	6,372	4.54	289	**	32	-90	-.01	-5	-6
07-19-52 372884 1055573 5-71					19		6,328	4.60	291						
495924 CHARMELS HI PEERS VICTOR.....*		5	11	2-23,31	18	3.8	10,324	4.80	496	9	35	-209	.00	-10	-14
06-27-52 446986 733966 5-71					18		11,064	4.84	536						
496000 PRESTDALE T VAGABOND.....	42-08	26	5	2-42,91	75	2.8	9,527	4.81	458	13	76	-115	+.06	0	-3
03-08-52 447108 748572 5-71					9		9,685	4.75	460						
496515 FAIRLAWN ACTOR-S NOVICE.....*	93-10	6	14	1-93	34	2.2	9,112	4.71	429	12	43	-56	-.04	-6	-6
04-25-52 322785 1057156 5-71					32		9,202	4.84	445						
496789 FER-MANOR MAGIC JOY.....*		5	5	3-74,82,	11	1.6	9,071	4.52	410	**	29	0	-.09	-9	-7
07-03-52 420860 959630 5-71				91	15		9,008	4.92	443						
497409 FAIRLAWN K PRINCETON.....	41-25	79	6	7-35,41,	172	2.3	8,940	4.56	408	16	86	-234	-.13	-23	-25
05-22-52 297107 1081063 5-71				42,43,48	14		9,165	4.74	434						
497411 FAIRLAWN ACTORS ACME.....*	23-11	74	6	8-21,22,	180	2.0	9,787	4.50	440	19	86	+267	-.19	-6	+2
05-29-52 322785 1097431 5-71				23,51,55	16		9,461	4.74	448						
498562 MAPLE LEAF ALERT.....*	63-01	53	7	3-41,52,	173	2.8	9,204	4.73	435	14	86	+143	+.04	+11	+13
10-12-51 458927 1206070 5-71				63	16		8,972	4.68	420						
498700 VILLA CREST KING DICTATOR.....*	61-01	35	8	3-32,61,	122	2.3	8,133	4.91	399	11	79	-576	+.12	-16	-28
09-02-52 474842 1162248 5-71				63	8		8,778	4.76	418						
498974 BAYVILLE GENERAL DOLLAR.....*		9	10	5-23,51,	43	3.0	9,031	4.67	422	17	56	-169	-.03	-11	-14
07-31-52 337933 1126195 5-71				52,55,63	65		9,302	4.76	443						
499077 FRANCHESTER K. F. JESTER.....*	31-02	23	6	2-23,31	48	3.5	10,025	4.65	466	**	66	+166	.00	+8	+11
07-15-52 454421 734290 5-71					17		9,790	4.65	455						
499163 BROCKWELL C. F. FORMAN.....*		11	4	5-71,84,	25	2.2	9,406	4.73	445	**	54	-37	.00	-2	-3
01-18-52 458786 1170054 5-71				87,91,92	14		9,459	4.76	450						
499283 DANGRA-S BEAUTY HYPERION.....*		6	17	3-52,55,	41	2.8	9,431	4.91	463	17	46	-217	+.06	-4	-9
06-26-52 453191 1007534 5-71				56	31		9,941	4.81	478						
499287 FAIRLAWN HORNET-S WINDSOR.....*		7	11	2-14,16	24	3.8	9,460	4.45	421	**	41	+140	-.07	0	+4
06-22-52 362352 1057160 5-71					12		9,061	4.60	417						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST REPT INC	%	PREDICTED DIFFERENCES MILK	%	FAT	$$
499513 LOCUST GROVE MERITS STEADFAST.*		7	16	3-23,82,	29	2.8	9,536	4.50	429	**	39	+56	-.05	-2	0
08-15-52 428869 1167690 5-71				92	14		9,366	4.64	435						
499878 LONVU MAJESTY-S PRINCE.....*		2	28	1-11	32	3.0	9,620	4.56	439	**	31	+138	-.06	+1	+4
01-19-52 332819 1020805 5-71					4		9,119	4.75	433						
499882 WILSONA FARMS JONACRE.....*		6	13	1-92	27	1.7	9,248	4.95	458	**	37	-166	+.03	-5	-8
07-30-52 359210 769484 5-71					17		9,711	4.91	477						
500050 OVENS ULYSSES.....*		7	3	4-48,65,	13	1.9	9,362	4.56	427	**	39	+174	+.01	+9	+12
08-03-52 256869 920013 5-71				73,74	17		8,831	4.53	400						
500210 SINGLEY P A ROYAL.....*		4	7	3-65,71,	20	2.1	6,625	4.20	278	**	42	-322	-.01	-16	-22
08-11-52 460572 1241858 5-71				72	31		7,151	4.27	305						
500253 SUNESLOPES BUZZ BOULDER.....	41-04	68	2	5-35,41,	112	2.8	8,910	4.64	413	10	86	+77	-.08	-4	-1
08-11-52 425367 637920 5-71				42,45,47	9		8,731	4.76	416						
500798 QUAIL ROOST PROUD TRAVELER....*	52-01	43	17	8-21,51,	140	2.8	9,613	4.83	464	14	75	-118	+.07	+1	-2
09-01-52 391246 536548 5-71				52,55,63	42		9,789	4.74	464						
500836 CURTISS CANDY PETER PAN.....*	33-03	113	2	24-21,23,	153	2.4	8,115	4.66	378	31	90	-824	-.02	-40	-55
01-25-53 346065 778404 5-71				32,34,35	15		8,971	4.69	421						
500959 WHITE LICK NORAS PRINCE.....*	42-02	44	2	6-22,32,	62	2.3	9,407	4.62	435	31	77	+162	-.05	+3	+7
09-10-52 366101 1310667 5-71				33,42,73	9		9,149	4.70	430						
501282 HANSENAREA PHARAOHS VICTOR....*		8	24	3-56,58,	64	2.8	7,997	4.23	338	**	50	-83	-.04	-8	-9
09-22-52 298216 1103207 5-71				73	125		8,003	4.32	346						
501300 MCKERROWS AMBITION.....*		4	15	1-35	29	4.6	9,633	4.56	439	6	42	+143	-.07	0	+4
09-13-52 433384 725843 5-71					13		9,249	4.72	437						
501531 EMRL BINGS ADMIRAL.....*		1	16	1-91	16	3.8	9,916	5.03	499	0	28	+81	+.06	+10	+10
08-15-52 432501 1127544 5-71					4		9,620	4.81	463						
501766 GILDERDALE GOLDEN VALOR.....*	35-75	216	7	32-35,41,	507	2.8	9,264	5.01	464	10	95	-183	+.28	+18	+10
11-06-51 443144 998773 9-70				82,85,93	45		9,439	4.71	445						
501850 ALFANNA RESOLUTE BEACON.....*	41-25	33	7	3-35,41,	69	2.5	8,311	4.75	395	10	71	-298	+.02	-12	-18
09-29-52 410998 869458 5-71				45	9		8,632	4.75	410						
502461 LUSHACRES HERMES VALOR.....*		7	17	7-11,12,	35	3.3	9,185	4.68	430	9	42	-77	+.04	0	-2
03-29-53 415425 1051403 5-71				16,41,43	14		9,343	4.58	428						
502556 COKER BUTTERFAT AOONIS.....*		4	33	2-55,56	39	3.1	8,042	4.36	351	9	32	-3	-.04	-4	-3
11-17-52 446827 1291745 5-71					21		7,880	4.54	358						
502662 CHARMEL HI PEERS NEPTUNE.....*		2	34	1-23	36	2.8	7,780	4.58	356	**	29	-150	-.02	-9	-11
02-06-53 446986 771770 5-71					7		8,147	4.70	383						
502842 LANGWATER WINDEMERE.....*		1	26	1-33	26	3.1	8,280	4.57	378	**	28	-168	-.01	-9	-12
08-14-52 449334 1329009 5-71					8		8,800	4.64	408						
503028 YELLOW CREEK HANOSOME HERO....*	61-01	41	10	3-34,61,	132	2.6	8,230	4.79	394	6	79	-235	+.06	-5	-10
01-28-53 460183 1222895 5-71				63	8		8,405	4.71	396						
503098 WANOAMERE ROYAL MASTER.....*		7	11	3-87,91,	31	2.1	7,656	4.70	360	16	44	-221	+.01	-9	-13
04-21-53 488455 981844 5-71				92	12		8,003	4.69	375						
503292 EDISTO FARMS G NOVEL.....*		2	35	1-56	37	3.2	7,275	4.01	292	**	30	-206	-.06	-15	-18
02-14-53 420373 954972 5-71					13		7,775	4.27	332						
503448 HOMINY HILL SELECT.....*		9	9	4-23,31,	25	3.0	9,384	4.60	432	**	45	+37	-.02	0	+1
03-01-53 431647 963959 5-71				63,72	25		9,265	4.64	430						
503449 HOMINY HILL COLONEL.....*		13	15	2-41,47	43	2.7	10,286	4.58	471	8	49	+189	-.04	+5	+9
04-12-53 431647 839586 5-71					15		9,932	4.66	463						
503512 FAIRLAWN K PHARAOH.....*	21-01	261	7	10-13,21,	710	2.7	9,745	4.84	472	16	96	+179	+.16	+24	+25
05-15-53 297107 999963 1-71				22,23,63	17		9,551	4.68	447						
503513 FAIRLAWN PEERS DISTINCTION....*		7	18	4-13,14,	43	3.0	11,164	4.57	510	11	46	+188	.00	+9	+12
05-17-53 404433 1234546 5-71				16,21	25		10,884	4.56	496						
503789 GRAYSMARSH WATCHMAKER.....		3	50	1-91	56	1.9	8,857	4.75	421	**	29	-109	-.01	-6	-8
01-09-53 470355 972403 5-71					10		9,190	4.82	443						
503895 GRANO VIEW 8 PREDICTORS ROYAL.*		7	33	5-51,55,	53	2.7	8,887	4.69	417	17	38	-206	+.02	-8	-12
12-17-52 419125 1142106 5-71				56,63,64	28		9,406	4.67	439						
503946 LIMESTONE SPRING LE PRINCE....*		1	28	1-23	28	4.8	8,305	4.48	372	**	30	-11	-.05	-5	-4
01-04-53 476287 1028811 5-71					6		8,203	4.69	385						
504467 PRAIRIE VIEWS H NOBLE.....*		4	26	2-33,72	37	2.8	9,301	4.62	430	4	35	-105	+.02	-3	-5
02-13-53 430265 1223999 5-71					92		9,599	4.59	441						
504474 GOLOEN GRANGE IDEAL STARLIGHT.	41-25	79	5	8-35,41,	190	2.7	9,217	4.57	421	13	89	+66	-.12	-9	-6
11-09-52 424343 1032094 5-71				43,47,48	10		9,089	4.73	430						
504556 EDISTO FARMS PRINCES SARGON...*	52-01	60	5	4-52,54,	161	2.4	9,043	4.53	410	17	87	+62	-.13	-10	-7
04-15-53 480378 1222143 5-71				55,57	17		8,899	4.72	420						
504618 WYNO BELLE DON.....*		5	10	1-31	29	3.5	8,868	4.65	412	**	48	-321	+.05	-10	-17
02-17-53 468969 1292324 5-71					15		9,528	4.55	434						
504702 IDEALS MIRIAMS MAXIMAL.....*	11-01	51	3	2-11,14	99	3.1	10,031	4.73	474	**	84	+376	.00	+17	+24
01-14-53 473224 1474069 5-71					9		9,578	4.74	454						
504931 AOOHR HORNETS PRECISION.....*	35-02	74	4	5-35,41,	177	2.5	9,568	4.37	418	19	89	-43	-.30	-31	-27
02-05-53 467419 1199690 5-71				42,72,93	15		9,616	4.72	454						
505191 BERRYHEOGES PRINCE.....*		1	22	1-23	22	4.8	8,067	4.77	385	0	30	-3	.00	0	0
02-27-53 346065 1102540 5-71					17		7,910	4.80	380						
505314 WELCOME IN NOLAN.....*		3	18	2-31,64	23	3.0	9,475	4.41	418	**	31	+251	-.08	+4	+10
02-23-53 411580 926431 5-71					26		8,571	4.67	400						
505667 RITCHIEDALE C CADET.....*		2	19	1-32	21	3.2	9,605	4.58	440	**	29	-257	+.02	-10	-15
04-27-53 489955 1006832 5-71					4		10,599	4.56	483						
505815 CIRCLE DRIVES L P COMMANDO....*		9	18	4-31,32,	44	3.1	10,830	4.73	512	**	46	+169	-.03	+5	+9
03-05-53 333511 935684 5-71				33,35	8		10,555	4.81	508						
506020 FRANCHESTER KELLAS MAJESTY....*		6	10	2-31,56	23	3.2	10,102	4.82	487	**	42	+12	+.07	+7	+6
03-28-53 377210 963666 5-71					12		10,121	4.66	472						
506078 CLA ORE BONANZAS MURPHY.....		11	18	2-41,42	43	2.2	8,911	4.84	431	41	44	-235	+.06	-5	-10
04-22-53 470508 516047 5-71					5		9,431	4.71	444						
506086 GRAIN MEADOW EASTERN KING.....*	35-05	53	2	6-32,35,	89	2.5	9,241	4.90	453	15	83	-414	+.17	-4	-14
04-20-53 480378 1303971 5-71				41,42,93	15		9,753	4.73	461						
506313 LAUXMONT TYCOON.....*		7	13	2-31,64	26	2.0	9,277	5.21	483	**	37	-60	+.12	+9	+6
09-08-53 355397 797970 5-71					10		9,420	4.89	461						

REGISTRATION NUMBER NAME DF BULL	STUD CODE	NUMBER DF HERDS	EFF DAU /HD	STATES ND- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
506690 PRESTDALE ROYAL R ARTIST.....*	42-08	5	4	2-42,82	10	4.3	9,903	4.44	440	**	34	+51	-.02	0	+1
08-16-53 489042 1232054 5-71					5		9,765	4.50	439						
506733 NORTHERN CONRADS LAODIE.....*	11-01	70	3	2-11,16	126	2.4	8,640	4.93	426	**	86	-743	+.15	-21	-37
03-29-53 301376 635601 5-71					10		9,490	4.76	452						
506916 LAKE LOUISE KINGS NOBLEMAN....*	35-05	88	5	10-35,41,	188	2.5	9,941	4.64	461	18	89	+110	-.08	-3	0
04-24-52 428861 1273425 5-71				42,91,92	18		9,837	4.75	467						
507009 WELCOME IN CLARA DESIGN.....*		22	6	9-16,21,	51	2.9	10,049	4.66	468	10	68	+230	-.03	+8	+13
08-21-53 426335 1028979 5-71				31,32,61	18		9,720	4.71	458						
507068 PLEGROSANT M M GALLANT.....*		2	6	2-41,45	11	1.6	7,873	4.51	355	**	27	-332	-.06	-21	-26
07-24-52 474471 1220195 5-71					11		9,059	4.83	438						
507258 DINSMORE MARINER.....*		7	102	1-58	163	2.7	6,676	4.48	299	**	41	-273	+.04	-9	-15
06-01-53 376230 1204840 5-71					140		7,098	4.35	309						
507339 B H H MAJESTYS JOE.....*	11-01	28	4	3-11,13,	56	2.5	9,356	4.88	457	13	72	-236	+.11	-1	-7
11-02-53 452075 1192763 5-71				15	10		9,693	4.76	461						
507446 BRAYS ISLAND MAJESTYS MAJOR...*		9	98	2-57,58	167	2.9	6,237	4.59	286	**	43	-444	+.08	-13	-22
08-20-53 420626 995793 5-71					136		7,010	4.32	303						
507567 MAR MAC NOBLE KING.....*		13	48	3-55,56,	76	2.5	10,685	4.66	498	**	39	+56	-.02	+1	+2
05-24-53 469052 1252758 5-71				57	33		10,643	4.70	500						
507758 MCDONALD FARMS MISTER TIMON...*		5	5	2-21,55	12	3.2	9,779	4.84	473	0	36	+209	+.03	+13	+16
08-27-53 488786 1326108 5-71					14		9,144	4.77	436						
507832 ROSEBUD FARM C VERNON.....*	72-01	18	12	2-72,73	105	2.6	8,597	4.35	374	14	73	-276	-.09	-21	-25
08-18-53 440498 1054604 5-71					39		8,907	4.48	399						
508086 CRAIGWAY CURTISS GORDON.....		21	3	3-35,41,	33	2.2	9,052	4.92	445	25	63	-226	+.13	+2	-4
11-07-53 454483 1391508 5-71				42	9		9,387	4.71	442						
508223 IDEALS BETINAS ROSE KING.....*		9	20	3-43,72,	44	3.2	9,785	4.76	466	0	46	+189	-.01	+8	+12
06-20-53 493917 1511811 5-71				73	10		9,340	4.80	448						
508307 HOMEACRES LUTES ROMULUS.....*		5	29	2-52,55	36	3.8	9,463	4.33	410	4	35	+116	-.07	-1	+2
12-18-53 375198 1344184 5-71					7		9,075	4.53	411						
508355 CURTISS CANDY HONEY BOY.....*	33-03	18	1	5-23,32,	21	2.4	8,198	4.61	378	17	57	-539	-.04	-29	-38
08-23-53 454224 944433 5-71				33,42,51	13		9,089	4.71	428						
508358 CURTISS CANDY PROUD FANCY.....*	33-03	15	1	9-13,16,	16	2.4	8,704	4.60	400	**	51	-29	-.03	-4	-4
10-04-53 409032 1071602 5-71				21,23,32	11		8,666	4.68	406						
508413 SKYLINE LES VICTOR.....*	42-02	19	10	2-42,47	57	2.3	9,270	4.81	446	**	62	-152	+.07	0	-4
07-20-53 483717 1394175 5-71					10		9,505	4.71	448						
508600 MEADOW VIEW ROYAL GALLANT.....*		1	22	1-41	22	3.1	8,996	4.56	410	30	27	-107	-.02	-7	-9
03-25-53 483260 1335581 5-71					8		9,371	4.66	437						
508870 PLATTCO FLASHER.....	93-05	29	24	9-35,42,	190	2.1	11,681	4.31	503	5	73	+363	-.12	+5	+14
01-02-54 493227 905548 5-71				86,91,93	19		11,359	4.41	501						
508953 WESTERN GLOW OUTCH BOY.....*		4	4	2-82,91	11	2.5	9,792	4.59	449	**	33	+50	+.01	+3	+4
12-26-53 465116 1248373 5-71					10		9,639	4.56	440						
509063 MCDONALD FARMS JOLLY TAILOR...*		1	35	1-31	35	3.3	10,846	4.68	508	**	30	+140	+.02	+8	+10
07-13-53 439587 1516745 5-71					10		10,453	4.65	486						
509283 MT ARARAT MIKADO.....*		11	40	5-14,21,	84	3.3	10,622	4.38	465	5	47	+343	-.12	+4	+12
11-12-53 457523 1280327 5-71				23,51,52	24		9,922	4.62	458						
509308 HOMINY HILL SONNY.....*		16	3	7-23,31,	25	2.6	10,030	4.61	462	**	55	+311	-.01	+13	+19
02-07-54 489007 1343930 5-71				33,43,73	29		9,450	4.62	437						
509431 WANDAMERE BONOS MARKSMAN.....*		9	20	3-33,91,	35	3.4	10,192	5.22	532	19	39	-199	+.08	-2	-7
01-21-54 474648 1355567 5-71				92	35		10,824	5.08	550						
509582 DINSMORE ACTOR SOVEREIGN.....*		8	83	2-57,58	114	2.8	5,974	4.64	277	**	37	-384	+.07	-11	-19
09-09-53 467016 947374 5-71					135		6,714	4.36	293						
509612 OUNWALKE GABS ELMKIER.....*		7	3	3-43,71,	12	2.9	10,089	4.96	500	**	41	+246	+.11	+22	+25
01-26-54 328303 1174211 5-71				73	15		9,471	4.71	446						
509680 BECKER FARMS CUPID.....	87-01	8	2	4-81,82,	14	2.0	10,357	4.62	479	**	42	+32	-.02	0	+1
11-06-53 444053 880401 5-71				86,87	10		10,353	4.69	486						
510014 HAZELWOOD HIGH ZENITH.....*	93-16	17	20	2-86,93	121	2.9	11,718	4.53	531	5	68	+511	-.08	+16	+27
04-29-53 452071 764787 1-71					23		11,120	4.63	515						
510289 COLDSPRINGS DEFENDERS VALOR...*	33-03	128	2	29-23,32,	172	2.3	8,433	4.60	388	19	91	-625	-.07	-35	-45
10-22-53 490661 1351918 5-71				33,34,35	13		9,065	4.70	426						
510408 NEJASCO K M P NOBLE.....*		5	21	2-57,64	30	2.5	8,709	4.78	416	**	34	-140	+.02	-5	-8
03-16-53 457501 1150041 5-71					22		9,073	4.78	434						
510554 LEVITY CHUMS PATRICK.....*		2	6	1-23	11	3.6	9,056	4.88	442	**	33	-212	+.05	-5	-10
03-17-54 354224 1054455 5-71					10		9,703	4.76	462						
510632 FAIRLAWN PRINCES FINANCIER....*		2	12	1-41	22	3.0	8,833	4.97	439	17	37	-154	+.04	-3	-6
12-01-53 480378 1368850 5-71					6		9,211	4.90	451						
510893 DONNA MARIE ALEXANDER.....*		4	4	1-92	10	3.0	8,656	5.21	451	**	32	-226	+.10	-1	-7
10-10-53 474933 1156350 5-71					35		9,330	4.91	458						
510975 MT ARARAT ROSE NEPTUNE.....*	23-02	36	2	1-23	56	2.5	8,908	4.41	393	17	76	-21	-.16	-16	-14
01-18-54 457523 1080487 5-71					7		8,860	4.65	412						
511100 SKREOES RUFUS.....*		1	17	1-35	17	5.1	9,102	4.34	395	0	28	+148	-.07	0	+4
10-11-53 410998 1354365 5-71					7		8,455	4.67	395						
511224 VALLEMARS ERIN.....*		8	1	7-21,31,	10	1.8	10,382	4.37	454	38	36	+123	-.06	0	+3
01-13-54 493172 1173679 1-71				35,55,73	17		10,089	4.52	456						
511244 BURGERS PLACE BILLY.....*	35-75	986	87	43-21,35,	5,322	2.2	10,430	4.46	465	12	96	+443	-.17	+3	+14
10-24-53 454224 1278008 1-71				52,58,85	70		10,007	4.63	463						
511356 WALKER FARMS LEKING.....*		4	7	2-58,65	12	1.6	5,622	4.39	247	25	27	-490	+.01	-22	-31
11-17-53 491065 1030141 5-71					12		7,203	4.44	320						
511627 PRESTDALE BDN VICTOR.....*	92-01	84	5	7-41,82,	176	2.5	10,185	4.50	458	11	88	+145	-.14	-7	-2
02-05-54 496783 1081217 5-71				87,91,92	14		10,064	4.66	469						
512096 ROSEWOOD ROYAL BUTTERFAT.....*	33-02	12	2	2-33,65	19	2.8	9,486	4.51	428	**	53	+376	-.09	+8	+16
10-25-53 473218 1004310 5-71					10		8,681	4.72	410						
512186 NYALA PRINCES BELL BUOY.....*		2	8	1-35	14	2.8	7,939	4.79	380	**	33	-135	-.01	-7	-9
04-12-54 389915 849529 5-71					8		8,214	4.87	400						
512193 MELFIELD STEADFAST PATRICK....*	31-02	26	4	8-23,31,	60	2.6	11,089	4.32	479	14	73	+1,076	-.23	+25	+49
12-02-52 316459 1557194 5-71				51,56,58	30		9,616	4.62	444						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
512281 GOLDEN GRANGE P CORPORAL.....*	72-D1	58	18	12-31,32,	191	2.5	8,836	4.72	417	12	79	-423	+.13	-8	-18
D5-24-53 463332 1263988 5-71				42,58,72	46		9,347	4.57	427						
512282 GOLDEN GRANGE IDEAL CRESCENT..		7	4	2-42,72	12	2.0	7,065	4.25	300	20	35	-250	-.01	-13	-17
D1-04-54 424343 1103D33 1-71					7		7,571	4.33	328						
512334 CURTISS CANDY SIR CURTISS.....*		9	43	3-65,72,	58	2.8	9,160	4.66	427	3	36	-63	+.D1	-2	-3
04-17-54 444417 832563 5-71				74	95		9,305	4.65	433						
512340 NYALA PRINCES PROUD LAD.....*		4	13	1-16	27	4.0	7,349	5.08	373	0	42	-362	+.09	-8	-16
12-05-53 389915 1134060 5-71					15		8,064	4.82	389						
512363 COSKERYS CORONATION KING.....*		11	12	4-21,23,	29	2.9	9,019	4.56	411	20	44	-138	-.03	-9	-11
05-31-54 329184 1001980 5-71				51,58	27		9,306	4.64	432						
512477 DINSMORE MAJESTIC JAN.....*		14	18	4-51,52,	50	3.1	9,885	4.63	458	11	49	+131	-.04	+2	+5
01-27-54 479959 1385255 5-71				55,63	85		9,619	4.73	455						
512615 SILVER MT MARINER.....*		6	16	1-21	25	4.3	9,853	4.75	468	7	37	+37	-.01	+1	+2
02-19-54 493325 978634 5-71					23		9,767	4.77	466						
512817 FER MANOR JEWELLER.....*		4	12	1-23	31	2.6	8,370	4.98	417	**	43	-177	+.D6	-3	-7
01-14-54 492662 1309063 5-71					15		8,691	4.87	423						
512836 MEYER FARM LEVITY COLONEL.....	41-01	8	12	3-41,45,	28	2.1	7,777	4.95	385	13	40	-240	+.05	-6	-11
01-02-54 471455 920679 5-71				47	7		8,240	4.82	397						
512893 SUNNYMEDE HORNETS GLADIATOR...*		5	10	1-43	25	3.4	8,713	4.58	399	**	43	+159	-.02	+5	+8
D2-23-54 396936 1020949 5-71					1D		8,204	4.66	382						
513112 YELLOW CREEK HANDSOME SUPREME.*		3	23	1-31	29	3.1	9,084	4.95	450	10	32	-90	+.D3	-1	-3
01-14-54 475595 1222895 5-71					6		9,337	4.91	458						
513144 SHADY REST MAXS TRAVELER.....*		2	14	1-52	16	4.6	10,996	4.46	490	0	30	+437	-.D5	+15	+24
02-20-54 495300 1155745 5-71					23		9,530	4.62	440						
513571 NYALA KINGS FINANCIER.....*	12-D3	39	6	6-12,13,	93	2.6	9,001	4.48	403	21	78	-388	-.11	-28	-33
12-22-53 480123 849123 5-71				14,16,21	13		9,487	4.64	44D						
513647 FROSTLAND ANNA8ELLES DUKE.....*		1	23	1-34	23	4.0	6,D46	4.8D	29D	**	28	-205	+.D2	-8	-12
02-04-54 427450 926323 5-71					7		6,455	4.79	309						
513763 TURMANS N 8 KING.....*		4	11	3-63,65,	16	2.1	5,301	4.79	254	**	28	-311	+.04	-11	-17
05-14-54 484594 625803 5-71				72	27		6,040	4.64	280						
513764 8ETHWAY FARMS C NERO LAD.....		1	10	1-16	10	1.3	8,526	4.34	370	0	19	-8	-.02	-2	-2
05-22-54 465004 1274004 5-71					5		8,457	4.48	379						
513949 FRANCHESTER F WINDSOR.....*		4	4	2-23,31	11	2.2	10,192	5.09	519	**	33	-158	+.12	+4	-1
04-16-54 493048 664860 5-71					8		10,792	4.74	512						
513983 IDEALS MAYONAS WHITMAN.....*		6	2	2-32,58	10	2.4	9,819	4.55	447	**	35	+261	-.D3	+9	+14
12-07-53 453963 950404 5-71					14		9,017	4.64	418						
514001 HOMINY HILL LANCER.....*		9	9	4-21,23,	23	2.6	9,397	4.58	430	**	40	+10	-.03	-2	-1
08-06-54 453762 1195812 5-71				31,55	54		9,342	4.68	437						
514272 FAR WEST F ROMULUS.....*		4	10	3-23,91,	15	2.7	10,817	4.71	509	**	3D	-23	-.01	-2	-2
03-13-54 458786 1125493 5-71				92	14		11,039	4.76	526						
514531 WYNO FORE 8RIGAND.....*		10	8	5-63,81,	27	4.1	9,928	4.81	478	0	49	-129	+.02	-4	-7
12-05-53 336450 1326566 5-71				82,91,92	16		1D,258	4.81	493						
514741 KLONDIKE FERNS WINSOR.....*		2	12	1-56	18	3.9	9,158	4.64	425	**	34	0	+.06	+6	+5
07-18-54 495007 1322001 5-71					13		9,109	4.42	403						
5148D9 QUAIL ROOST 8FAT KATER.....*		2	29	1-52	31	3.5	8,912	4.61	411	13	30	-145	-.05	-11	-13
08-25-54 459572 1220885 5-71					14		9,372	4.80	450						
515091 GOLDEN GRANGE IDEAL KING PIPER*		3	17	1-32	22	3.7	8,611	4.58	394	**	32	-8	-.D1	-1	-1
05-19-54 424343 939598 5-71					8		8,529	4.63	395						
515306 COLLINWOOD FAWNS CHALLENGER...*		5	5	1-84	12	3.7	9,406	4.58	431	0	37	+123	.00	+6	+8
04-08-54 481593 1420892 5-71					7		9,007	4.56	411						
515308 MIDVIEW 8LAZES GOLDEN.....*		2	12	1-52	15	4.1	9,454	4.82	456	**	31	+34	+.07	+8	+8
06-20-54 336264 905282 5-71					39		9,313	4.60	428						
515411 WYNO SAINTS DANE.....*		3	19	1-23	23	2.9	8,824	5.05	446	**	29	-388	+.11	-8	-17
05-24-54 429156 1064458 5-71					22		10,239	4.69	480						
515499 GOLDEN GRANGE PETUNIAS VERNER.*	35-05	41	2	8-31,32,	52	2.7	8,601	4.83	415	15	76	-505	+.13	-12	-23
06-03-54 474648 1200471 5-71				33,35,41	13		9,223	4.66	430						
515675 WILGORLAN FARMS SATURN.....*		8	9	4-72,73,	28	3.5	8,036	4.59	369	0	48	-463	+.09	-13	-23
08-23-54 329184 996302 5-71				74,85	55		8,944	4.41	394						
515718 HENSLEE FARMS O FORWARD.....*	63-01	19	7	2-63,65	59	2.5	9,085	4.55	413	8	67	-154	-.06	-13	-15
11-12-54 426335 1010804 5-71					22		9,279	4.66	432						
515836 YELLOW CREEK BANDMASTER.....*	12-03	31	3	5-12,13,	58	2.5	9,147	4.55	416	14	74	-234	-.08	-18	-21
07-06-54 481593 1D51684 5-71				15,32,47	14		9,446	4.67	441						
516249 GOLDEN HARVEST SUPREME.....*	23-02	30	3	3-16,22,	59	3.4	9,143	4.88	446	9	77	-72	+.12	+8	+5
08-30-54 395480 1054602 5-71				23	11		9,194	4.72	434						
516329 CLEVERLANDS CHICONA PA8LO.....*		6	63	1-93	113	3.7	12,081	4.69	567	1	45	+222	+.D9	+19	+22
07-08-54 413580 1288688 5-71					64		11,806	4.52	534						
516629 BURKEVILLE HI 8ILLS COMET.....*		2	16	1-52	26	3.9	6,904	4.87	336	**	37	-231	+.06	-5	-1D
D4-07-53 445121 9277D8 5-71					44		7,296	4.70	343						
516882 NELSON FARMS MAXIM GOVERNOR...*		3	16	2-51,55	27	2.1	8,672	4.82	418	**	34	+195	+.02	+11	+14
10-29-53 444960 981281 5-71					23		7,935	4.79	380						
517013 ARD NA CLACHAN TIMOTHY.....*		2	13	1-14	15	2.1	8,421	5.01	422	**	25	-97	+.04	-1	-3
D8-20-54 493181 1520351 5-71					6		8,725	4.93	430						
517067 CEDARCROFT JAYCEE.....*	91-01	18	14	1-91	52	3.0	10,372	4.90	5D8	5	55	+57	+.11	+13	+12
D7-16-54 468D32 115D4D4 5-71					13		10,340	4.73	489						
517081 MULHOCAWAY 8UTTERFAT PRIMATE..*	35-75	81	13	17-16,21,	183	3.D	9,604	4.76	457	13	82	-322	+.09	-7	-14
10-22-54 493764 730322 5-71				32,55,58	18		10,037	4.67	469						
517082 CURLES MOONLIGHTS MACK.....*		2	21	1-52	35	3.3	6,828	4.58	313	18	39	-298	-.03	-17	-22
08-26-54 365822 979706 5-71					5D		7,376	4.75	350						
517327 CHARMERS GLORIAS PRINCE.....	35-75	25	5	10-35,41,	49	2.4	9,547	4.69	448	17	67	+90	+.D1	+5	+6
D8-28-54 430677 1177045 5-71				52,65,93	38		9,389	4.69	44D						
517336 8URKEVILLE HI 8ILLS TEMPTER...*		2	23	1-52	25	4.1	9,D55	4.54	411	**	3D	-238	.0D	-11	-15
05-11-53 445121 699659 5-71					21		9,870	4.58	452						
517434 PARKER FARMS GEMS MAXIM.....*		6	9	2-57,58	20	4.3	8,851	4.63	410	**	41	+25D	.DD	+12	+16
12-3D-52 466446 1034885 5-71					34		8,D78	4.61	372						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% FAT	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
517753 HARGODD FAIRLAWN KING.....*		1	42	1-23	42	4.8	9,130	5.04	460	0	31	-317	+.04	-11	-17
10-20-54 497410 1355804 5-71					19		10,232	4.94	505						
517934 OTTENDALES PILOT.....*		7	5	2-82,91	17	3.5	8,589	5.03	432	**	45	-389	+.17	-2	-12
08-07-53 489356 931940 5-71					12		9,429	4.65	438						
518018 MCDONALD FARMS MISTER VINCENT.*	12-03	18	3	4-12,13,	33	2.6	9,580	4.78	458	5	64	+134	+.09	+15	+16
06-02-54 488786 1106764 5-71				14,21	13		9,340	4.64	433						
518021 MCDONALD FARMS JOLLY VALDR....*	51-02	27	1	4-23,51,	34	2.8	8,799	4.48	394	23	68	-21	-.15	-15	-13
08-10-54 439587 1029287 5-71				54,55	13		8,743	4.74	414						
518075 LINDEANS PATSY CONWAY.....*	93-01	13	4	4-22,84,	27	2.2	11,017	4.70	518	13	55	+434	+.03	+23	+30
10-09-53 482542 1125536 5-71				91,93	29		10,287	4.66	479						
518081 LANGMORE DOMINANT PINE GROVE..*		4	7	2-21,63	19	4.7	11,191	4.71	527	8	43	+72	+.03	+6	+7
09-25-54 483557 1350434 5-71					20		11,178	4.66	521						
518090 FAIRLAWN ACTORS FOREMOST.....*		34	26	13-15,23,	119	3.2	9,817	4.66	457	11	64	+130	-.02	+4	+7
11-02-54 322785 1097431 5-71				31,56,57	33		9,611	4.70	452						
518092 FAIRLAWN HORNETS REX.....*		18	8	5-21,23,	38	3.2	8,322	4.87	405	17	56	-547	+.05	-21	-32
12-03-54 362352 1368850 5-71				31,55,58	47		9,257	4.79	443						
518395 CHEDCO SAMSON.....*		14	14	4-16,31,	65	3.2	10,429	4.58	478	8	61	-214	-.03	-13	-16
02-06-55 501368 1037560 5-71				32,61	11		10,910	4.65	507						
518410 LAKE LOUISE KINGS AMBITION....*	23-04	16	3	3-14,23,	25	2.8	9,438	4.93	465	20	58	-144	+.08	+1	-3
05-10-54 428861 950680 5-71				33	18		9,695	4.80	465						
518442 QUAIL ROOST PROUD ACTOR.....*		1	48	1-52	48	3.6	8,290	5.09	422	3	31	-112	+.03	-2	-5
02-05-55 391246 1065755 5-71					15		8,546	5.04	431						
518509 SPAR HILL PEERLESS.....*		2	10	1-51	12	4.8	9,369	5.19	486	0	28	-133	+.05	-1	-4
02-27-55 469797 927391 5-71					8		9,864	5.05	498						
518540 ROCKS ACRES LIBERTY PEERLESS..*	35-04	14	4	4-33,34,	32	2.3	7,718	4.88	377	12	58	-408	+.09	-11	-20
08-29-53 365001 1044077 5-71				35,42	12		8,283	4.73	392						
518612 CLOVER OAKS ROYAL CITATION....*	35-02	28	3	2-35,71	44	2.3	7,749	4.80	372	8	69	-931	+.11	-34	-52
08-12-54 438330 801311 5-71					15		9,051	4.65	421						
518624 QUINCY KING JOHN.....*	51-02	158	12	12-23,31,	646	2.4	9,133	4.95	452	17	94	+34	+.16	+17	+15
10-16-54 475595 1272757 9-70				51,52,54	21		9,037	4.78	432						
518672 INDIGOS KING OF ROSEDALE.....*		4	8	2-41,47	27	3.0	9,023	5.00	451	**	48	-368	+.13	-5	-14
11-01-54 422893 1226297 5-71					23		9,807	4.75	466						
518779 GREAT ELM PHILS GERALD.....*	21-01	42	1	4-13,16,	51	2.5	8,798	4.43	390	8	76	-114	-.13	-18	-18
04-27-55 415109 1060509 5-71				21,23	11		8,873	4.64	412						
518887 GRAY HAVEN JESTERS CONSTANT...*		2	15	1-31	21	4.4	9,742	5.27	513	0	35	-85	+.08	+4	+1
10-24-54 499077 1253937 5-71					8		10,030	5.05	507						
518929 HULLWOOD KING ECHO.....*		4	16	2-16,21	21	3.5	8,666	4.86	421	7	32	-304	+.07	-8	-15
12-20-53 392822 738113 5-71					11		9,617	4.67	449						
519116 WILSONA BONDS MARKSMAN.....*		7	4	4-22,82,	13	2.5	9,704	4.75	461	0	37	-209	-.01	-11	-15
12-07-54 446227 1341067 5-71				91,92	19		10,347	4.82	499						
519213 TOMA FASCINATOR.....		1	10	1-35	10	2.3	8,530	4.50	384	**	22	-128	.00	-6	-8
12-02-54 437283 1470607 5-71					1		9,065	4.56	413						
519246 WING ACRES LEVITY PREMIER.....		1	19	1-42	19	3.7	8,655	4.49	389	8	27	+8	-.08	-7	-6
01-05-55 481789 1139019 5-71					12		8,515	4.89	416						
519379 CHEDCO AMBASSADOR.....*		3	20	2-35,47	24	3.4	8,911	4.58	408	0	31	+9	+.02	+2	+2
04-04-55 501368 1057157 5-71					9		8,798	4.50	396						
519380 MCDONALD FARMS RIVAL VARRO....*		9	12	1-23	31	2.9	10,006	4.92	492	8	45	-14	+.05	+4	+3
11-26-54 493168 1509270 5-71					25		10,085	4.84	488						
519383 YELLOW CREEK B SALAMANDER.....*	23-11	143	8	10-13,14,	454	2.5	9,771	4.78	467	10	94	+180	+.02	+10	+13
11-20-54 481593 1480184 5-71				16,22,23	17		9,573	4.77	457						
519406 B H DOUGLAS OF CEDAR MANOR....*		1	15	1-48	15	2.0	7,446	5.24	390	**	24	-273	+.05	-8	-14
11-25-54 494828 1395680 5-71					36		8,484	5.03	427						
519471 ARGILLA CLOES NEPTUNE.....*	12-03	26	2	5-12,13,	37	2.5	9,489	4.43	420	15	69	-23	-.14	-15	-13
01-28-55 391470 1092039 5-71				14,21,51	14		9,512	4.66	443						
519472 ARGILLA BRIGHT STARS BRUTUS...*	21-10	56	5	7-12,13,	148	2.5	9,330	4.66	435	18	86	-120	+.04	-2	-5
02-23-55 391470 1092039 5-71				14,21,23	14		9,453	4.62	437						
519717 WODDACRES R L CANADIAN.....	35-75	58	2	18-32,35,	78	2.1	8,583	4.87	418	27	82	-808	+.15	-24	-41
01-08-55 502634 838045 5-71				41,65,93	16		9,566	4.69	449						
519807 LOCKSHORE TAM O SHANTER.....*		7	34	3-41,42,	50	2.6	8,649	4.47	387	6	37	-222	-.02	-12	-16
02-18-55 452552 1283801 5-71				47	8		9,214	4.56	420						
519825 CLOVERLAND LADYBIRDS PATRICK..*		4	6	1-72	15	1.1	7,726	4.70	363	**	31	-260	+.03	-9	-14
10-22-54 399725 1048519 5-71					45		8,451	4.61	390						
519880 MAEGEO CRESCENTS SAM.....*		1	25	1-55	25	4.1	9,486	5.09	483	13	30	-98	+.16	+11	+7
01-31-55 440899 1340192 5-71					9		9,841	4.54	447						
519904 MARSHLAND MAJESTY.....*		5	4	1-31	10	2.9	8,739	5.22	456	0	33	-347	+.15	-2	-11
11-08-54 492775 1408538 5-71					7		9,813	4.77	468						
519975 EARIAM MAGGIES PRINCE.....*		1	29	1-51	29	3.3	8,299	5.66	470	12	29	-185	+.18	+8	+2
04-04-55 391988 946198 5-71					10		8,867	4.96	440						
520025 LOCKSHORE L HIGH SOCIETY.....*		2	30	2-31,34	34	4.4	9,669	4.66	451	0	33	-105	-.03	-8	-9
01-31-55 488745 1278888 5-71					7		10,034	4.79	481						
520055 SHADY REST MAX PRINCE.....*		4	19	2-52,55	25	2.9	8,993	4.67	420	13	32	-40	+.02	0	-1
09-19-54 495300 943220 5-71					42		9,068	4.62	419						
520286 HANOVER HILL FAR WEST.....*		8	48	3-21,86,	70	3.0	8,806	4.55	401	16	37	-27	-.01	-2	-2
01-06-55 480854 1443231 5-71				92	32		8,799	4.61	406						
520306 KINGENDALE CHAMPS TROPHY.....*		2	12	1-31	14	3.1	8,318	4.47	372	0	28	-55	-.04	-6	-6
08-07-54 502274 1359977 5-71					9		8,400	4.64	390						
520461 LOOKOUT VALLEY LEVITY HERO....*		3	14	1-35	19	2.9	7,688	4.46	343	0	32	-56	-.03	-5	-6
05-21-55 360727 872816 5-71					34		7,669	4.58	351						
520605 CIRCLE DRIVES P MASTER.....*		3	10	1-32	15	2.8	8,610	4.89	421	**	31	-88	+.04	0	-2
12-30-54 499842 747441 5-71					15		8,816	4.74	418						
520714 BROOKBERRY PEERS PORTENT.....*		13	9	5-55,56,	58	3.1	9,010	4.63	417	3	65	-153	+.01	-6	-9
07-26-54 398341 957678 5-71				57,58,72	47		9,203	4.63	426						
520716 EDISTO FARMS G BOULDER.....		3	13	1-56	17	2.4	9,533	4.70	448	**	29	+232	+.01	+12	+16
05-18-55 420373 915565 5-71					22		8,631	4.67	403						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
520732 OUTLOOK HILLS DOLSEYS KING....*		1	10	1-35	10	1.9	7,632	4.63	353	20	21	-179	-.01	-9	-12
01-04-55 478058 1154205 5-71					4		8,385	4.72	396						
520746 YELLOW CREEK BUTTERFAT CLAIR..*	93-10	10	6	3-32,86,	29	2.3	9,202	4.79	441	**	52	-202	+.06	-4	-9
03-20-55 481593 1327656 5-71				93	24		9,587	4.70	451						
520799 CROSS ARROWS W COUNT.....*		3	5	1-56	11	4.3	8,894	4.44	395	0	35	-181	-.03	-11	-14
01-30-55 407926 956541 5-71					21		9,390	4.56	428						
520834 ROSEBUD FARM RULER.....*		2	14	1-42	16	2.3	8,283	4.88	404	20	27	-226	+.04	-7	-12
02-28-55 493169 1144682 5-71					9		9,078	4.78	434						
520880 HOMINY HILL LADDIE.....*		7	6	3-32,34,	21	3.1	9,560	4.95	473	0	45	-275	+.07	-6	-12
05-31-55 503448 1253617 5-71				72	10		10,241	4.82	494						
520918 STERLING MAJOR ANTOINE.....*		2	9	1-23	11	4.7	10,764	4.94	532	**	28	+94	+.01	+5	+7
07-09-55 496034 923449 5-71					24		10,511	4.95	520						
521027 GILDERDALE PRINCE CHARMING....*		7	4	2-16,21	18	2.6	8,181	5.06	414	**	44	-426	+.08	-12	-21
02-20-53 460057 1155774 5-71					17		9,101	4.88	444						
521084 FRANCHESTER F PERFECTION.....*		5	10	1-31	31	3.3	7,909	4.67	369	**	49	-552	-.02	-27	-37
02-20-55 493048 767955 5-71					9		8,965	4.72	423						
521086 FAIRLAWN ACTORS JETHRO.....*		14	26	8-11,14,	117	1.6	9,926	4.53	450	12	59	+172	-.08	0	+4
01-31-55 322785 1398610 5-71				56,58,64	36		9,635	4.67	450						
521148 WOODACRES IMPERIAL LEADER.....*		4	12	2-32,72	22	2.7	9,303	4.29	399	**	35	-292	.00	-14	-19
04-09-55 383832 987475 5-71					50		10,188	4.33	441						
521150 WOODACRES LEADERS TRUMPETER...*	21-10	276	6	13-11,12,	719	2.6	9,637	4.66	449	15	96	-39	-.01	-3	-4
04-19-55 383832 1315912 1-71				16,21,22	17		9,684	4.69	454						
521152 WOODACRES EASTERN LEADER.....*	23-07	43	6	5-21,22,	133	2.8	8,617	4.53	390	13	84	-374	-.15	-31	-35
07-11-55 383832 990894 5-71				23,84,85	15		8,999	4.73	426						
521198 EVERGREEN KING PHIL.....*		1	17	1-23	17	3.7	10,207	5.05	515	**	26	+193	+.07	+16	+18
07-19-55 483195 1499664 5-71					14		9,455	4.83	457						
521223 EOISTO FARMS G ORNAMENT.....*		8	6	4-55,56,	32	3.7	8,100	4.54	368	5	59	-415	.00	-19	-27
05-14-55 420373 1233658 5-71				57,64	51		8,718	4.57	398						
521383 FAIRLAWN ACTORS VALIANT.....	11-01	74	4	1-11	164	2.6	9,528	4.72	450	14	89	+128	+.01	+7	+9
03-17-55 322785 1406701 5-71					10		9,356	4.72	442						
521396 VALLEY VIEW PERFORMER.....*		5	20	1-92	27	3.0	9,370	5.42	508	**	33	-440	+.12	-9	-19
02-16-54 484493 1058985 5-71					36		10,834	5.07	549						
521440 FIRESIDE VALS GENERAL.....*		8	6	2-23,31	26	3.9	9,905	4.85	480	5	52	-32	+.06	+4	+2
06-05-55 465063 1054756 5-71					16		10,005	4.76	476						
521473 WYNO SAINTS HIGHLAD.....	35-05	17	1	2-35,41	20	2.8	9,895	4.27	423	8	55	+379	-.22	-4	+7
05-21-55 429156 1036391 5-71					12		9,161	4.70	431						
521533 QUAIL ROOST SUPER EVAN.....*		1	10	1-52	10	1.9	11,918	5.07	604	**	21	+130	+.06	+12	+13
06-06-55 497282 1313575 5-71					18		11,475	4.85	557						
521589 BLUFF VIEW KING SUPERIOR.....*	65-02	9	7	4-63,65,	31	2.3	8,881	4.38	389	12	52	+25	-.01	0	+1
05-25-55 329184 1224403 5-71				72,74	26		8,743	4.39	384						
521654 VALLEY OAKS SHEIKS VIKING.....	92-01	27	2	2-91,92	35	2.7	9,995	4.63	463	**	69	+134	-.01	+5	+8
03-31-55 428868 999788 5-71					12		9,820	4.65	457						
521780 VALLEY OAKS HORNETS SPARTAN...	93-01	18	15	2-71,93	72	2.0	8,905	4.84	431	3	59	-403	+.09	-10	-19
04-25-55 467419 1372616 5-71					33		9,582	4.70	450						
521801 QUANQUAL HAWKEYE.....*		2	10	1-16	13	2.9	7,762	4.82	374	**	28	-214	-.01	-11	-15
02-26-55 423514 1077001 5-71					10		8,403	4.91	413						
521886 VERMILION PRIDES BUTTERFINGER.*		2	8	1-33	16	2.2	8,830	4.79	423	**	34	+5	+.02	+2	+2
07-01-54 459489 1331064 5-71					3		8,724	4.76	415						
521948 SOLITAIRES STEADFAST CHAMPION.*		3	18	1-74	23	1.6	7,537	4.35	328	**	27	-125	.00	-6	-8
12-19-54 357051 1169469 5-71					25		7,816	4.38	342						
522035 BREEZE HAVEN P LIBERATOR.....*		4	5	2-56,71	11	1.8	8,696	4.57	397	**	30	-237	+.02	-9	-14
05-18-55 386330 994711 5-71					14		9,479	4.54	430						
522043 LISETER SPARKLER.....*		4	8	2-21,23	13	2.5	9,555	4.90	468	0	30	-202	+.01	-8	-12
03-23-55 499468 1358690 5-71					27		10,302	4.89	504						
522230 TORREY FARM RANGER.....*		2	20	2-57,63	39	3.7	9,472	4.40	417	10	43	+293	-.08	+6	+13
04-28-55 446100 1573091 5-71					9		8,693	4.57	397						
522237 WECCO SPOTS MASTER.....		1	38	1-41	38	2.7	7,260	4.89	355	30	28	-302	+.06	-8	-14
04-18-55 495076 1438158 5-71					10		8,197	4.64	380						
522305 DOUGLASTON FASHIONS HONOR.....		1	22	1-21	22	3.5	8,511	4.64	395	10	28	-100	+.01	-4	-6
07-10-55 392663 857344 5-71					8		8,787	4.64	408						
522338 MEADOWMARSH MAY ROSE GENERAL..*	91-01	43	4	4-82,86,	99	2.4	9,896	4.90	485	**	82	-109	+.14	+8	+4
04-29-55 456502 933828 5-71				87,91	15		10,074	4.75	479						
522345 BURTON LANE STEADFAST BRIAN...*	33-01	40	2	3-32,33,	59	2.5	8,287	4.85	402	14	77	-687	+.05	-27	-40
03-17-55 357051 941659 5-71				35	9		9,136	4.79	438						
522447 IDEALS NEOCENE.....*		4	6	1-32	17	4.5	10,392	5.36	557	**	43	+402	+.17	+36	+40
08-04-54 411872 1483421 5-71					13		9,447	5.05	477						
522448 IDEALS MARGOS STANDBEST.....*		1	17	1-52	17	3.2	8,775	4.84	425	**	25	-39	+.02	0	-1
04-15-55 411872 1544649 5-71					35		8,857	4.80	425						
522481 BEN VENUE ETTAS SUPERIOR.....*	63-01	20	2	1-63	29	2.6	8,754	4.57	400	**	61	-367	-.01	-18	-24
09-24-55 448080 1513530 5-71					11		9,323	4.60	429						
522508 GRANDVU MEL HOUDEANIE.....*	91-11	24	13	5-23,33,	84	2.2	9,263	4.88	452	25	65	-299	+.08	-6	-13
04-30-55 413927 986006 5-71				35,41,42	13		9,735	4.78	465						
522613 BEN VENUE LUCYS SUPERIOR.....*		1	14	1-52	14	3.7	9,287	4.86	451	0	26	+169	+.01	+9	+12
10-22-55 448080 1561267 5-71					10		8,534	4.86	415						
522645 WYNO BONDS TOWER.....*		1	23	1-23	23	3.2	8,453	4.58	387	**	28	-36	-.06	-7	-7
05-09-55 446227 743833 5-71					15		8,469	4.89	414						
522703 CLEAR SPRINGS LEADERS GENERAL.*		6	23	2-57,64	32	2.3	7,728	4.54	351	**	33	-243	-.02	-13	-17
07-23-55 396894 1128442 5-71					36		8,351	4.63	387						
522715 VALLEY GEM TASTEFULS CASCADE..*		7	6	4-82,85,	23	2.9	11,038	4.65	513	**	49	+537	-.08	+17	+28
05-10-55 498590 1288597 5-71				87,91	34		9,970	4.82	481						
522742 VILLAGE VIEWS DUKES KING.....*		1	11	1-22	11	2.3	8,565	4.59	393	**	23	+90	.00	+4	+6
07-21-55 470130 1501991 5-71					14		8,005	4.61	369						
522820 KLONDIKE CHIEFMOST.....*		10	8	3-55,56,	29	2.7	8,616	4.47	385	**	48	+78	-.05	-1	+1
07-19-55 366137 1357230 5-71				72	37		8,322	4.59	382						

REGISTRATION NUM8ER NAME OF 8ULL	STUD CODE	NUM8ER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
522976 FOREMDST J CS PREMIER.....*		20	17	12-31,32,	62	2.8	9,766	4.43	433	13	56	-65	.00	-3	-4
07-28-55 390760 912463 5-71				43,61,73	59		9,913	4.44	440						
522995 MCDONALD FARMS ROYAL WALLACE..*		8	5	3-31,58,	22	2.7	9,078	4.51	409	7	49	+185	-.07	+2	+6
10-19-55 470604 741009 5-71				61	10		8,596	4.66	401						
523005 WINOY HILL CHERU8.....*		4	35	2-23,48	42	3.8	8,750	4.87	426	20	33	-78	+.04	0	-2
05-21-55 449675 1246546 5-71					57		8,916	4.80	428						
523124 SUNNYMEOE HORNETS LANCER.....*	41-25	24	6	5-41,43,	58	2.2	9,447	4.60	435	27	68	+9	-.03	-2	-1
06-06-55 396936 756255 5-71				48,71,72	9		9,412	4.65	438						
523125 SUNNYMEDE HORNETS SENTRY.....*		3	21	1-43	44	2.1	10,636	4.70	500	**	42	+415	-.04	+15	+23
06-08-55 396936 1192557 5-71					9		9,652	4.84	467						
523127 FRANCHESTER FAVORITES WINDSOR.*	35-75	62	5	18-34,35,	114	2.4	9,919	4.61	457	17	83	+34	-.07	-5	-3
07-01-55 507763 664860 5-71				41,85,93	53		9,905	4.70	466						
523130 FRANCHESTER HORNETS CEDRIC....*		1	36	1-32	36	3.0	8,964	4.80	430	9	29	-100	.00	-5	-7
08-10-55 484890 1176097 5-71					12		9,271	4.88	452						
523189 MARTIN FARMS PREFECTION.....*		1	13	1-93	13	1.6	8,512	4.98	424	**	22	-261	+.03	-9	-14
07-17-55 448099 1199690 5-71					61		9,735	4.84	471						
523201 CAUMSETT WALTONA.....*		3	12	1-31	22	3.1	9,607	4.66	448	**	37	-156	-.01	-8	-11
02-05-55 342646 1480543 5-71					8		10,077	4.70	474						
523359 SHOAL FALLS HONORS TROY.....*		7	9	3-52,55,	26	2.0	10,517	4.58	482	7	43	+278	-.03	+10	+16
09-18-55 508052 832338 5-71				58	26		9,896	4.65	460						
523434 VAN DYKE H L SHEIKS ROSS.....		1	12	1-41	12	3.7	10,168	5.09	518	**	25	-33	+.05	+3	+2
06-18-55 507631 1209544 5-71					10		10,379	4.94	513						
523583 FAIRLAWN HORNETS NO8LE.....*		3	13	2-16,21	23	4.2	8,892	4.69	417	6	37	-120	+.05	-1	-4
08-01-55 362352 815843 5-71					18		9,174	4.58	420						
523664 HOLCOM8S N AL.....*		3	10	1-21	19	4.4	9,424	4.37	412	6	38	-233	-.07	-17	-20
08-29-55 440675 1237207 5-71					19		10,079	4.56	460						
523717 IDEALS JANS SUPERIOR.....*	21-01	99	2	3-13,21,	152	2.5	8,656	4.75	411	**	89	-473	+.08	-15	-25
03-25-55 448080 1450615 5-71				73	13		9,138	4.67	427						
523793 LOCUST GROVE MELINOAS WINSTON.*	22-03	16	2	2-22,23	26	3.1	9,723	4.96	482	0	60	+192	+.06	+15	+17
12-09-55 408223 623762 5-71					21		9,379	4.88	458						
523823 FAIRLAWN 8LANCHES ACTOR.....*		20	22	12-11,14,	62	2.6	10,668	5.18	553	13	50	-284	+.11	-3	-10
10-10-55 322785 771909 5-71				16,21,22	18		11,411	5.03	574						
523825 FAIRLAWN HORNETS SAILOR KING..*		17	28	10-21,22,	65	2.5	11,018	4.75	523	10	46	-153	-.04	-11	-13
11-17-55 362352 1368853 5-71				23,32,56	26		11,541	4.86	561						
523917 KIM8ERTON PEER.....*		4	7	2-21,23	16	3.8	9,350	5.01	468	0	39	-163	+.06	-2	-6
08-08-55 467122 1513957 5-71					17		9,791	4.89	479						
523941 CAUMSETT ORIFTER.....*		2	17	1-22	19	2.8	8,962	4.86	436	0	27	-58	+.03	0	-2
03-11-55 387105 1027446 5-71					16		9,129	4.81	439						
524064 RIVERVIEW MALITAS PROMISE.....*		15	11	6-32,81,	45	2.9	9,881	5.19	513	15	56	-218	+.25	+13	+5
11-20-55 505177 1463957 5-71				82,91,92	18		10,343	4.79	495						
524070 ELMWOOD ARLEN.....*		2	15	1-35	22	3.5	8,776	4.55	399	12	34	-76	-.02	-5	-6
08-29-55 506956 1590190 5-71					10		8,936	4.62	413						
524077 SKYLINE LEES PRESTIGE.....*		2	28	1-47	30	4.1	8,463	5.40	457	7	32	-3	+.03	+3	+2
08-04-55 483717 1313031 5-71					9		8,348	5.34	446						
524132 NORMANOY PROSPECTOR.....*		6	10	1-33	32	3.3	9,015	4.85	437	9	49	-460	+.03	-19	-28
04-27-55 453207 941235 5-71					10		9,991	4.81	481						
524153 SQUIRE 8 M MAXIM.....*		1	11	1-55	11	2.6	7,407	4.77	353	**	23	-124	+.01	-5	-7
10-15-55 500570 1338195 5-71					11		7,756	4.78	371						
524257 NORTHERN ASTORS MAJESTY.....*	63-01	12	17	2-16,63	61	3.2	10,718	4.61	494	8	57	-146	-.04	-11	-13
12-21-55 464488 1252008 5-71					15		11,127	4.69	522						
524393 SUNESLOPES EMORYS ELITSON.....*	35-05	72	17	3-35,41,	168	2.9	9,742	5.16	503	10	78	+62	+.24	+26	+23
08-18-55 477597 1310111 5-71				42	15		9,665	4.88	472						
524427 NYALA INDIGOS SUPER8.....*	23-02	50	4	1-23	127	2.3	8,103	4.75	385	23	85	-740	+.06	-29	-43
08-10-55 480123 832358 5-71					9		8,907	4.69	418						
524479 WOODACRES ROYAL CORONATION....*		5	10	3-22,23,	24	2.7	10,714	4.83	517	6	41	-29	-.01	-2	-2
04-03-55 502634 963384 5-71				56	25		10,917	4.89	534						
524548 RANGE RAIDER OF SCENIC.....*		1	11	1-35	11	4.5	9,565	4.63	443	0	25	-103	+.06	+1	-2
08-27-55 421254 1402207 5-71					11		10,018	4.36	437						
524566 COLDSPRINGS OEFENOERS FORESTER*	31-02	26	2	4-23,31,	39	3.2	8,824	4.69	414	4	71	-262	+.06	-7	-13
09-12-55 490661 1056732 5-71				32,56	19		9,147	4.62	423						
524607 WAKENA FRITZ.....*		1	11	1-92	11	2.0	10,116	4.74	479	0	21	+98	.00	+5	+7
08-14-55 468940 1215846 5-71					9		9,656	4.72	456						
524656 HOMINY HILL DISTINCTION.....*	51-02	55	25	8-23,31,	193	2.3	10,685	4.89	522	17	74	-34	+.09	+7	+5
01-31-56 422711 1011145 5-71				51,52,54	27		10,855	4.78	519						
524657 HOMINY HILL MASCOT.....*		4	28	1-93	43	3.7	11,055	4.66	515	0	39	-193	-.02	-11	-14
02-02-56 431647 1433931 5-71					72		11,771	4.74	558						
524749 MCDONALD FARMS ROYAL WINTHROP.		10	2	5-32,34,	16	1.6	10,018	5.01	502	8	44	+175	+.09	+17	+19
06-13-55 470604 1106764 5-71				41,48,93	16		9,618	4.83	465						
524766 MEADOW LODGE HI LANCER.....		2	24	2-58,85	26	2.4	11,872	4.21	500	**	29	+231	-.05	+6	+11
09-02-55 502568 991342 5-71					475		11,225	4.31	484						
524871 L F ROYAL LAD.....*		1	11	1-31	11	4.3	8,700	4.30	374	**	25	-56	-.04	-6	-6
10-15-55 524315 1542824 5-71					13		8,853	4.51	399						
524931 SHANTITUCK 8ENS REX.....*		2	11	2-35,48	13	2.0	8,418	4.86	409	**	25	-104	+.05	0	-3
09-21-55 493052 1118997 5-71					14		8,750	4.63	405						
525096 LAUXMONT WHISTLER.....*		5	7	1-23	21	2.3	9,179	5.02	461	0	42	-121	+.12	+6	+2
12-11-55 510148 1076167 5-71					18		9,455	4.73	447						
525166 VALLEY SET STARS YANKEE.....*		5	28	3-32,34,	37	3.0	10,165	4.82	490	0	34	-103	+.04	-1	-4
02-10-56 483285 895259 5-71				84	12		10,561	4.75	502						
525327 DEEP LAKE FLASHY.....*	31-01	31	2	5-16,21,	43	3.8	10,288	4.87	501	16	73	+175	+.10	+18	+19
02-28-56 475548 1209024 5-71				23,31,84	15		10,094	4.75	479						
525381 HOMINY HILL IMPERIAL.....*	23-09	104	12	5-22,23,	258	2.2	9,717	4.40	428	18	87	+178	-.25	-16	-9
02-04-56 422711 1505185 1-71				50,51,52	20		9,498	4.72	448						
525463 COL8YS MR MINNIE.....*	34-01	74	5	12-23,34,	178	2.3	9,893	5.01	496	10	88	-39	+.23	+20	+16
11-15-55 475416 1104226 5-71				35,41,84	15		9,972	4.77	476						

REGISTRATION NUMBER NAME DF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES ND- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT %	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
525464 COLBYS MR GERALDINE.....*		2	9	1-33	11	3.4	10,874	4.89	532	0	27		+301	+.05	+19	+24
12-09-55 475416 1551453 5-71					14		9,750	4.73	461							
525616 MCDONALD FARMS RIVAL WADE.....*		9	4	4-74,85,	19	3.0	9,492	5.01	476	10	49		-90	+.10	+5	+2
10-14-55 493168 1381417 5-71				87,91	21		9,684	4.82	467							
525641 LOCKSHORE L V HIGHLANDER.....*		12	19	4-31,33,	79	2.9	9,959	4.82	480	12	60		-33	+.01	-1	-2
11-21-55 508809 1177572 5-71				34,64	22		10,058	4.85	488							
525795 SUNNY DALE GOLIATH.....*		9	1	2-35,72	10	2.9	10,569	4.61	487	**	40		+337	-.02	+14	+20
11-01-55 476787 1144355 1-71					19		9,735	4.64	452							
525848 NORMANDY PERFECTION.....*	42-02	12	5	3-33,35,	26	1.7	8,764	4.55	399	15	49		-125	-.04	-10	-12
11-30-55 511379 1451344 5-71				42	10		8,953	4.67	418							
526027 HILLCREST TRUMP.....*	23-02	46	5	2-23,58	130	2.6	8,355	4.80	401	20	85		-625	+.12	-18	-31
12-20-55 507751 1220074 5-71					11		9,034	4.66	421							
526064 QUAIL ROOST MARK DIRECT.....*		1	11	1-55	11	4.4	8,790	4.78	420	0	25		-12	+.01	0	0
01-15-56 420623 1179839 5-71					59		8,756	4.83	423							
526069 QUAIL RDDST PRDUD FOREMAN.....*		1	16	1-56	16	1.8	8,925	4.67	417	**	23		+38	+.01	+3	+3
02-25-56 391246 1159625 5-71					29		8,659	4.63	401							
526073 QUAIL ROOST SUPER KING.....*		5	88	1-58	137	2.3	6,636	4.05	269	**	39		-338	-.07	-22	-27
04-10-56 497282 1095072 5-71					144		7,261	4.34	315							
526134 DENNIS FARM FORE JULIUS.....*	35-02	40	6	2-33,35	90	2.6	9,389	4.84	454	14	78		-205	+.09	-1	-6
10-28-55 449173 1283142 5-71					12		9,657	4.73	457							
526143 ARGILLA ARCHERS ART.....*	16-04	81	3	5-12,13,	126	2.7	9,184	4.79	440	21	87		-274	+.08	-5	-11
02-04-56 337117 1255587 5-71				14,15,16	11		9,484	4.71	447							
526287 MITHOEFERS BEAUTYS CAVALIER...*		2	8	1-32	10	2.8	9,398	4.44	417	0	25		+111	-.02	+3	+5
11-22-55 512974 1282374 5-71					12		8,885	4.49	399							
526294 NYALA MAJESTYS ACME.....*	21-10	224	8	14-13,14,	785	2.4	10,425	4.57	476	18	96		+434	-.13	+7	+17
12-24-55 332819 1352408 5-71				16,21,23	17		10,011	4.70	471							
526306 FER MANOR B F SAMSON.....	91-01	57	4	5-82,84,	123	2.3	9,365	4.79	449	8	84		-286	+.04	-10	-16
05-30-55 482542 842160 5-71				87,91,92	9		9,713	4.78	464							
526323 CHEDCO PEERLESS.....*	35-02	12	21	2-35,41	54	2.6	10,667	4.58	489	12	48		+226	-.03	+8	+13
03-09-56 322785 1398610 5-71					9		10,262	4.64	476							
526495 LAUXMONT DANDY.....*		3	64	1-55	68	2.8	9,933	4.75	472	8	31		+87	+.02	+6	+7
04-15-56 510148 1399617 5-71					37		9,655	4.70	454							
526508 ROUGILLA LEVITY BARON.....	11-01	54	4	1-11	122	2.7	9,287	4.67	434	10	85		-176	-.01	-9	-12
09-20-55 385485 1359099 5-71					10		9,479	4.69	445							
526510 WIL O WAY IDEALS CHAMP.....*		4	16	1-33	27	2.4	7,969	4.97	396	**	35		-261	+.08	-5	-11
12-10-53 489402 1159696 5-71					10		8,608	4.75	409							
526570 HICKORY RIDGE S COLONEL.....*		3	20	3-12,13,	24	4.4	9,542	4.77	455	**	32		+86	-.01	+3	+5
11-24-55 504643 1059193 5-71				14	11		9,235	4.82	445							
526646 DUNWALKE BUTTERFAT FORTUNE....*	63-02	15	8	5-22,23,	52	1.9	10,232	4.70	481	23	61		+150	+.01	+8	+11
02-25-56 493764 1420996 5-71				32,57,63	15		10,025	4.69	470							
526735 CIRCLE DRIVES P DESIGNER.....		2	6	1-35	12	1.2	7,776	4.72	367	0	27		+8	-.02	-2	-1
07-06-55 499842 1196012 5-71					10		7,537	4.92	371							
526747 YELLOW CREEK S HANDY MAN.....*	51-02	43	5	7-23,32,	85	2.7	9,865	4.92	485	2	79		+18	+.03	+4	+4
12-12-55 475595 1222895 5-71				34,51,54	20		9,866	4.91	484							
526820 ELMWOOD ASHLEY.....*		12	2	1-42	19	1.6	8,649	4.73	409	8	48		+10	-.03	-2	-1
02-03-56 428643 1463630 5-71					9		8,517	4.83	411							
526867 ZEALOT OF MCDONALD FARMS.....*		4	9	2-16,21	32	3.0	10,022	4.73	474	10	51		-87	+.03	-1	-3
01-13-56 496789 1191919 5-71					13		10,259	4.69	481							
526868 MCDONALD FARMS JOLLY YEOMAN...*		23	12	10-15,16,	83	2.3	9,770	4.50	440	17	67		-158	-.09	-16	-17
01-14-56 439587 1609529 5-71				21,51,82	28		10,048	4.65	467							
526876 BROWNIES FARMS ONWARD.....*		8	5	1-92	18	2.3	10,267	4.66	478	8	43		+146	-.04	+3	+6
03-31-56 514272 1581488 5-71					13		9,956	4.75	473							
526885 STEBBINS C MR DUPLICATE.....*		3	5	1-58	12	3.1	8,233	4.36	359	**	34		+40	-.02	0	+1
12-05-55 415720 1130076 1-71					28		7,947	4.39	349							
526968 LYRENE MAY ROSE KING.....*	61-01	14	9	5-31,32,	46	3.3	10,259	4.55	467	6	61		-49	-.09	-11	-10
07-05-54 456568 713744 5-71				34,61,63	21		10,419	4.71	491							
526986 GOLDEN HARVEST C FAITHLESS....*		3	14	1-23	22	2.6	10,767	4.76	512	6	33		-13	.00	-1	-1
01-14-56 395480 1223202 5-71					17		10,940	4.81	526							
526988 GOLDEN HARVEST BETTYS COMMAND.*		6	51	3-52,54,	60	2.5	10,467	4.57	478	19	33		+189	-.06	+3	+7
02-16-56 395480 1480511 5-71				56	18		9,915	4.75	471							
527001 CHEDCO VALIANT.....*		3	6	1-16	14	2.7	11,507	5.01	577	14	35		+117	+.05	+10	+11
04-05-56 501368 1361247 5-71					5		11,344	4.94	560							
527002 CHEDCO PHILOSOPHER.....*	31-02	88	4	15-31,32,	191	3.1	9,454	4.64	439	10	90		-76	+.04	0	-2
05-15-56 501368 1195918 5-71				55,56,58	20		9,529	4.61	439							
527221 BAYVILLE GENERAL MORGAN.....*		7	20	3-23,51,	32	3.0	8,273	4.88	404	15	36		-282	.00	-13	-18
02-03-56 337933 1099183 5-71				55	27		8,996	4.90	441							
527223 BAYVILLE GENERAL MARLBORO.....*		5	45	1-58	73	2.5	6,265	4.57	286	**	39		-361	+.07	-10	-18
02-15-56 337933 809234 5-71					145		6,917	4.34	300							
527252 WOODACRES VALIANT LEADER.....*	23-07	33	5	3-23,64,	81	2.7	8,826	4.57	403	22	78		-148	-.13	-19	-20
09-06-55 383832 1233741 5-71				73	14		8,948	4.76	426							
527294 GILDERDALE LASSIES HERO.....*		1	32	1-21	32	3.4	9,131	4.95	452	4	29		-116	+.06	0	-3
05-20-55 460057 1155767 5-71					25		9,522	4.80	457							
527310 COWAN FARMS ALEX.....*		1	12	1-35	12	2.8	9,765	4.79	468	30	24		-155	+.08	0	-4
11-11-55 463366 946254 5-71					18		10,491	4.50	472							
527364 ROSEBUD FARM MC MONARCH.....*		6	5	2-41,48	16	2.4	9,206	4.71	434	13	38		+229	-.01	+10	+14
01-22-56 493169 1227133 5-71					8		8,487	4.76	404							
527390 HERMITAGE VIEW S ALLEN.....*	48-01	12	3	2-48,84	22	2.6	7,729	4.83	373	27	54		-609	+.03	-26	-37
12-23-55 411316 761246 5-71					12		8,777	4.80	421							
527391 HERMITAGE VIEW S KING.....*		3	41	2-61,63	53	4.2	7,763	4.87	378	0	37		-210	+.07	-3	-8
01-12-56 411316 1302222 5-71					17		8,197	4.68	384							
527398 OLLASSES NOBLE PREDICTION.....*		3	25	3-23,31,	29	1.7	9,176	4.39	403	**	28		-208	.00	-10	-14
01-17-56 508424 886641 5-71				51	6		9,961	4.44	442							
527420 STEPHENS EVIDON.....*		5	3	2-33,43	11	1.7	7,926	4.37	346	**	33		-85	-.12	-15	-15
11-03-55 493854 1086141 5-71					4		8,025	4.82	387							

REGISTRATION NUMBER NAME DF BULL	STUD CODE	NUMBER DF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	% MILK	FAT	% FAT	1ST REPT INC	%	PREDICTED DIFFERENCES MILK	%	FAT	$$
527460 WILLOW8YS RDYAL LEADER.....*		2	13	2-16,21	15	3.9	9,661	4.60	444	0	29		-37	-.04	-6	-6
04-25-56 502634 1253265 5-71					28		9,814	4.79	470							
527543 FAIRLAWN ACTORS KNIGHT.....*		5	8	2-32,72	18	4.2	10,483	4.86	509	14	40		-1	+.05	+5	+4
02-01-56 322785 1472602 5-71					19		10,584	4.75	503							
527544 FAIRLAWN HDRNETS PEERLESS.....*		14	12	5-22,23,	58	3.2	8,839	4.49	397	3	61		-50	-.07	-9	-9
02-01-56 362352 1174993 5-71				55,56,58	53		8,844	4.64	410							
527578 IDACREST 8 PHYLIP.....*	41-25	54	6	9-41,42,	124	2.6	9,438	4.96	468	17	83		-70	+.12	+8	+5
01-08-56 496783 1511569 5-71				47,48,82	11		9,512	4.83	459							
527579 IDACREST 8 ATLAS.....*	41-25	21	2	6-35,41,	38	1.8	8,363	5.05	422	33	66		-691	+.17	-17	-32
04-12-56 496783 1237168 5-71				42,48,82	10		9,386	4.78	449							
527598 MCDDNALD FARMS RDYAL WAR LDRD.*		10	2	5-16,21,	14	3.0	10,964	4.95	543	**	46		+99	+.14	+18	+18
09-11-55 470604 1415996 5-71				22,23,31	26		10,873	4.68	509							
527608 STARLIGHTS C SERGEANT.....*		2	12	1-32	14	3.9	10,045	4.51	453	18	28		+275	-.04	+9	+15
10-10-55 505667 880933 5-71					10		8,988	4.66	419							
527751 FER MANDR 8UTTERFAT MONOGRAM..*		3	9	2-87,91	13	2.5	9,211	5.07	467	**	29		-27	+.11	+9	+7
12-11-54 482542 759648 5-71					18		9,273	4.69	435							
527760 WALKER FARMS LE CROWN.....*		4	17	3-63,65,	24	4.3	8,278	4.46	369	0	36		-103	-.03	-8	-9
02-16-56 505232 1217375 5-71				72	84		8,448	4.59	388							
527790 LAUREL MILLS HARDWICK.....*		2	24	1-51	28	2.9	8,992	4.69	422	11	31		+38	-.01	+1	+2
04-13-56 509784 1003060 5-71					11		8,783	4.73	415							
527799 FINCHS LA FAYETTE.....	35-21	61	4	3-34,35,	138	3.0	9,528	4.63	441	8	87		+125	-.07	-1	+2
03-29-56 430189 1145914 5-71				72	15		9,356	4.73	443							
527801 HOLLIKNOLL CHALLENGER.....*	52-01	50	13	4-51,52,	169	2.0	9,543	4.79	457	10	79		-19	+.04	+3	+2
05-20-56 508604 855998 5-71				55,58	18		9,561	4.75	454							
527802 HOLLIKNOLL CAPTAIN.....*	31-02	56	20	16-31,51,	178	2.2	10,515	4.54	477	15	75		+259	-.13	-1	+6
05-31-56 510634 1245016 5-71				52,55,58	45		10,229	4.72	483							
527868 MAURANA KINGS SHANE.....*		11	6	4-32,33,	25	2.7	9,623	5.19	499	0	50		-82	+.18	+13	+9
06-07-56 516350 1211678 5-71				48,84	15		9,806	4.85	476							
527869 MAURANA KINGS WILLFULL.....*		3	16	2-41,47	20	3.3	10,111	4.86	491	0	31		+156	.00	+7	+10
06-20-56 516350 1041791 5-71					12		9,601	4.90	470							
527889 MCDONALD FARMS MAXIMS WOODROW.*		16	126	5-22,23,	180	2.6	10,179	4.86	495	7	39		+303	+.01	+15	+20
04-01-55 510148 1589544 5-71				33,56,58	54		9,366	4.88	457							
527908 PRICE 8LACK AMIGOS MODEL.....*		1	11	1-85	11	3.0	11,733	4.28	502	**	24		+141	-.02	+5	+8
06-18-55 478935 1222558 5-71					476		11,318	4.29	486							
527942 GUERNSOEL MAXIM ATLAS.....*		1	29	1-52	29	3.3	8,950	4.76	426	23	28		+95	.00	+4	+6
12-23-55 435793 1093101 5-71					11		8,495	4.79	407							
527943 FOREMOST SUPER8S JAYCEE.....*		2	15	1-21	17	3.9	10,829	4.38	474	13	29		+206	-.08	+2	+7
01-02-56 511640 1590930 5-71					19		10,177	4.62	470							
528086 ROES MOR ROSE DAPPER.....*		3	7	1-33	10	5.0	10,608	4.87	517	14	30		+276	+.04	+17	+21
02-25-56 403636 1514794 5-71					10		9,677	4.76	461							
528099 BREN BERN JACK FROST.....*		7	2	4-16,51,	10	3.6	10,459	4.81	503	0	39		+125	+.02	+8	+10
03-09-56 484238 1426785 5-71				52,82	14		10,198	4.78	487							
528134 IDEALS ETZEL.....*		10	2	5-21,22,	17	3.3	8,897	4.95	440	**	50		-119	+.10	+4	0
09-12-55 448080 1175763 5-71				23,51,52	21		9,080	4.74	430							
528199 NORTHERN A 8ARRON.....*		2	10	1-11	13	1.8	8,770	4.73	415	**	24		-112	+.02	-3	-5
05-14-56 452274 1618801 5-71					7		9,208	4.65	428							
528285 JIM GRASSY LANE.....*		2	7	1-35	10	2.2	9,695	4.90	475	**	26		-34	+.03	+1	0
06-03-56 501856 893648 5-71					16		9,851	4.82	475							
528302 GRAND VIEW MAY ROYALTY.....*		7	19	4-55,56,	38	2.8	7,472	4.86	363	21	42		-550	+.03	-23	-33
02-16-56 503895 1146065 5-71				63,64	53		8,690	4.80	417							
528312 CELE8RITY FARMS 8UTTERFAT.....*		1	29	1-23	29	3.4	7,673	5.02	385	14	28		-164	+.08	0	-4
04-21-56 518431 808727 5-71					29		8,106	4.69	380							
528420 OS8ORNE HILL LDDEMASTER.....*		4	28	1-23	60	2.8	11,381	4.81	547	11	44		+152	+.02	+9	+11
06-18-56 436604 1365001 5-71					13		11,195	4.78	535							
528421 OS8DRNE HILL NAVAHO.....*		2	8	2-50,72	10	1.6	9,048	4.85	439	57	22		-116	+.01	-4	-6
06-27-56 508069 1322494 5-71					11		9,583	4.84	464							
528435 TAR8ELL SUPREME WARRIOR.....*		15	9	5-14,21,	34	2.7	9,043	4.46	403	7	51		-147	-.10	-16	-17
02-17-56 510147 1221187 5-71				23,31,58	48		9,300	4.69	436							
528494 LUXERIN MATCHLESS PERFECTION..*		6	7	1-35	21	3.5	9,400	4.67	439	6	45		+39	+.01	+3	+4
02-02-56 435352 1105361 5-71					26		9,279	4.63	430							
528503 8LUFF VIEW SAMSON.....*		2	9	2-72,74	12	2.2	5,539	4.57	253	0	27		-452	+.02	-19	-27
04-19-56 515675 1487573 5-71					7		6,942	4.49	312							
528558 NORMANS KILLS TEODY.....*		4	9	1-21	14	4.2	8,177	4.73	387	**	33		-452	+.04	-17	-26
02-10-56 395479 828127 5-71					17		9,523	4.62	440							
528762 RDSEWOOD BEA FLASH.....*	31-02	6	3	1-71	14	3.5	8,658	4.39	380	0	45		-134	-.06	-12	-13
03-30-56 498183 1025012 5-71					8		8,883	4.56	405							
528764 RDSEWOOD DIAMDNDS SOUVENIR....*		6	16	3-33,35,	25	3.9	10,200	5.08	518	17	35		+3	+.04	+4	+3
07-01-56 501085 1193761 5-71				42	11		10,252	4.99	512							
528784 LEAWOOD DUKE.....*		1	14	1-14	14	4.8	8,462	5.00	423	0	27		-162	+.07	-1	-5
03-03-56 513391 1523047 5-71					24		9,000	4.78	430							
528816 WILLOW 8ENDS NORAS LAD.....*		3	7	1-23	13	3.8	9,705	4.88	474	20	33		-72	+.03	0	-2
03-12-56 391225 1419702 5-71					13		9,961	4.84	482							
528838 VALDRIES LADDY.....*		7	5	4-23,48,	23	2.2	8,812	4.63	408	**	48		-158	+.01	-6	-9
01-24-56 510400 1381151 5-71				74,85	16		9,093	4.63	421							
528848 FLYING HORSE DOROTHYS ROYAL...*	23-04	20	2	2-23,33	28	3.0	8,833	4.97	439	**	62		-410	+.10	-10	-19
03-27-56 496678 1440908 5-71					21		9,480	4.83	458							
528901 FOREMOST J CS MAYWOOD.....		3	11	2-43,48	15	1.1	11,839	4.66	552	**	23		-17	+.01	0	0
04-06-56 390760 1251359 5-71					32		12,170	4.68	570							
529027 NORGERTS ROYAL GENERAL LAD....*		4	33	2-33,57	57	2.9	8,761	4.77	418	24	40		-108	.00	-5	-7
07-13-56 473218 1170693 5-71					15		8,964	4.82	432							
529065 GREEN RIDGE MAESTRO.....*	63-02	3	11	3-33,61,	17	3.1	10,449	4.63	484	15	33		+188	-.06	+3	+7
05-02-53 459489 1112948 5-71				72	15		9,911	4.82	478							
529087 HENSLEE FARMS V GERONIMO.....*	33-03	36	4	12-21,23,	55	2.9	10,458	4.42	462	5	72		+391	-.17	+1	+11
03-30-56 512972 1046617 5-71				32,33,35	14		9,949	4.64	462							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
529242 NORTHERN A SECRET.....*		3	5	2-31,32	11	4.1	8,878	5.10	453	**	33		-120	+.07	+1	-2
04-09-56 452274 1467696 5-71					19		9,199	4.89	450							
529276 LISETER 8RILLIANT FLAME.....*		6	15	2-23,35	37	3.4	11,045	4.62	510	3	47		+207	-.10	0	+5
04-15-56 499468 1207922 5-71					25		10,712	4.82	516							
529299 FOREMOST JAYCEE.....*		6	65	1-58	105	3.3	6,966	4.28	298	**	42		-39	-.02	-4	-4
04-26-56 390760 1427264 5-71					136		6,776	4.35	295							
529325 WESTERN GLOW KINGS EM8LEM.....*		2	9	1-82	17	2.2	8,446	4.59	388	**	33		-239	-.01	-12	-16
08-09-56 418022 1379123 5-71					9		9,112	4.65	424							
529455 HENSLEE FARMS V 8ULL EOEN.....*		5	28	1-72	39	1.2	8,679	4.46	387	**	29		-235	+.02	-9	-14
07-02-56 512972 1236027 5-71					61		9,470	4.41	418							
529458 HENSLEE FARMS V MAGOM8O.....*		4	12	2-33,63	17	2.8	8,886	4.41	392	33	29		+64	-.01	+2	+3
07-12-56 512972 1181666 5-71					20		8,562	4.44	380							
529460 HENSLEE FARMS VAGA8OY.....*		9	12	4-35,58,	38	3.0	8,988	4.70	422	6	50		-185	+.05	-4	-8
07-29-56 512972 996060 5-71				63,72	15		9,332	4.61	430							
529486 ANSMIL LILACS KNIGHT.....*		2	11	1-61	13	4.5	8,379	4.82	404	0	27		+26	-.01	0	+1
07-20-56 410091 1657521 5-71					17		8,135	4.94	402							
529487 ANSMIL OESIGN KING.....*		4	4	1-31	11	3.6	9,057	4.68	424	**	34		+67	-.01	+2	+3
07-30-56 507009 1365994 5-71					11		8,776	4.73	415							
529508 8LUFF VIEW SA8IAN.....*		2	24	1-73	29	1.9	8,384	4.32	362	6	28		-43	.00	-2	-3
08-27-56 515675 1307824 5-71					62		8,416	4.35	366							
529598 EDISTO FARMS M HORNET.....*		1	10	1-56	10	1.7	7,572	4.36	330	**	20		-277	+.01	-12	-17
08-10-56 475070 1251241 5-71					30		8,858	4.38	388							
529641 LAUXMONT GENOARME.....*		21	16	6-21,23,	67	2.2	9,499	5.00	475	13	56		+224	+.17	+27	+28
09-13-56 510148 1466844 5-71				35,51,56	30		9,043	4.69	424							
529646 GRANO VIEW ROYALS NO8LE.....*		4	4	2-55,57	12	1.0	8,907	4.52	403	**	30		+23	-.03	-2	-1
05-26-56 503895 1326568 5-71					24		8,742	4.68	409							
529708 8LAKEFORO ELOORAOO.....*		7	25	3-21,23,	40	2.3	7,917	4.83	382	5	37		-397	+.04	-15	-23
03-25-56 512257 1494094 5-71				51	16		8,913	4.72	421							
529731 U OF M G GO.....*		3	16	2-41,42	20	1.7	9,620	4.72	454	40	26		+181	+.01	+9	+12
10-13-56 507524 1446247 5-71					4		8,852	4.72	418							
529788 OINSMORE MAYROYAL PEER.....*		6	46	2-58,72	66	2.8	6,762	4.32	292	**	37		-181	-.01	-9	-12
07-25-56 376230 1100070 5-71					147		6,990	4.35	304							
529811 LAKE LOUISE ROYAL LANCER.....*	93-10	6	8	1-93	30	3.1	10,583	5.07	537	0	50		-34	+.14	+12	+9
06-13-56 402201 1520504 5-71					18		10,766	4.84	521							
529814 LAKE LOUISE ROYAL AOVENTURER..*		3	12	1-32	16	3.2	10,451	5.13	536	15	30		-280	+.07	-6	-12
07-12-56 402201 930826 5-71					19		11,601	4.93	572							
529908 MCOONALO FARMS JOLLY ZANTON...*		13	3	8-16,23,	25	2.4	8,293	4.91	407	7	56		-631	+.08	-22	-35
05-10-56 439587 1056587 5-71				51,55,56	43		9,399	4.77	448							
529920 DUKE OF SUNNYTOP.....*		2	13	1-23	15	4.5	10,256	4.68	480	0	28		+86	.00	+4	+6
06-26-55 505313 966767 5-71					19		9,989	4.70	469							
529980 ADOHR JOLLY MOHAWK.....*		7	6	4-48,52,	26	2.4	10,129	4.51	457	26	49		-98	+.04	-1	-3
06-10-56 492607 870001 5-71				85,86	30		10,408	4.45	463							
530011 SENRAB COUNT MONARCH.....*		3	12	3-42,48,	20	2.6	9,201	4.47	411	18	34		-30	-.03	-4	-4
04-02-56 498659 941310 5-71				65	8		9,254	4.56	422							
530132 CASTLE 8ROOK LEADERS LEGACY...*	65-02	11	4	4-23,63,	28	3.3	8,570	4.40	377	20	58		-17	-.04	-5	-5
11-25-56 383832 1288825 5-71				65,72	17		8,486	4.49	381							
530164 SULTANS IOEAL PRINCE.....*		3	28	2-23,51	32	2.6	8,873	5.02	445	6	30		-241	+.03	-8	-13
07-04-56 522445 1710491 5-71					31		9,692	4.93	478							
530175 FAIRLAWN ACTORS PTOLEMY.....*		3	14	1-14	30	3.5	9,968	4.66	465	11	42		-69	+.02	-1	-3
09-21-56 322785 1374912 5-71					12		10,188	4.63	472							
530206 ROLLING MEAOOW SAINTS ELMO....*		2	16	1-23	21	2.4	7,576	5.17	392	18	30		-321	+.12	-4	-12
06-16-56 429156 956266 5-71					16		8,551	4.75	406							
530210 HANOVER HILL LEAOERS PRINCE...*		11	10	6-16,21,	42	2.8	9,696	4.95	480	15	55		-293	+.18	+3	-5
09-13-56 398391 1594304 5-71				35,63,65	14		10,292	4.64	478							
530211 OEEP LAKE O HOLLIKING.....*	21-10	47	5	9-13,14,	122	2.2	10,190	4.91	500	24	84		-5	+.19	+18	+15
07-19-56 502027 1325646 5-71				16,21,57	24		10,260	4.70	482							
530293 MCOONALD FARMS OOESSAS WIRT...*		2	24	2-23,42	42	3.4	8,239	5.13	423	13	40		-168	+.09	+1	-4
10-04-55 470343 1430077 5-71					14		8,550	4.89	418							
530309 THATCHER FARMS JET.....*		3	7	2-35,47	13	6.2	10,206	5.24	535	0	35		+24	+.14	+15	+13
09-19-56 518316 1432066 5-71					12		10,193	4.87	496							
530378 CLEVERLANOS ZOES GENERAL.....*		5	45	1-93	96	2.4	12,884	4.32	557	3	45		+316	-.08	+7	+14
03-16-55 390340 989592 5-71					84		12,471	4.43	553							
530411 SUNESLOPES PERFECTION ELROY...*		4	28	2-41,42	37	3.2	7,557	5.16	390	0	35		-366	+.12	-6	-14
08-19-56 444549 1310111 5-71					10		8,508	4.77	406							
530504 STE88INS 8LOSSOMS KINGMAN.....		5	5	1-58	16	1.8	8,640	4.17	360	13	38		+67	-.06	-3	-1
07-04-56 510799 934496 5-71					20		8,335	4.36	363							
530537 SPRING RIDGE 8AOGER.....*		1	28	1-35	28	3.3	8,971	4.74	425	**	29		+40	-.02	0	+1
07-04-56 382418 894521 5-71					14		8,746	4.81	421							
530572 WALKER FARMS SPLENDOR.....*		6	8	4-43,63,	21	3.0	7,824	4.45	348	**	41		-273	-.02	-15	-20
08-21-56 505232 1396837 5-71				65,74	32		8,358	4.53	379							
530615 VILLA WAY FORE PIERRE.....*		3	5	2-31,64	12	3.5	9,582	4.86	466	0	37		+151	+.03	+10	+12
07-21-56 505027 1544500 5-71					12		9,118	4.81	439							
530735 NORTHERN M REPORTER.....*		1	26	1-31	26	2.9	10,935	4.50	492	29	28		+82	-.04	0	+2
12-08-56 464488 1659511 5-71					16		10,754	4.64	499							
530908 8AYVILLE ROYAL ORSON.....*	63-01	27	12	3-52,55,	93	2.7	8,812	4.68	412	12	71		-385	-.01	-19	-26
10-10-56 449539 1476554 5-71				63	32		9,324	4.72	440							
530916 ELMWOOD AULURN.....*		3	9	2-35,42	13	2.9	9,875	4.66	460	25	28		+4	.00	0	0
10-23-56 428643 1463626 5-71					7		9,885	4.72	467							
530977 LANGWATER KING OF SHE8A.....*		8	14	5-52,55,	34	3.0	9,498	4.40	418	0	45		+224	-.04	+6	+11
02-10-56 424926 906140 5-71				56,58,93	60		8,925	4.48	400							
530980 MINI8ORYA A 8EAU.....*		2	31	1-52	33	1.7	8,426	4.88	411	**	27		-99	+.03	-2	-4
11-13-56 390942 1017937 5-71					5		8,710	4.82	420							
530999 FOREMOST J CS DYNAMIC.....*		3	42	1-58	64	3.4	6,774	4.27	289	**	39		-91	-.03	-7	-8
08-10-56 390760 798176 5-71					143		6,718	4.36	293							

REGISTRATION NUMBER NAME OF BULL	STUD COOE	NUMBER OF HERDS	EFF DAU /HD	STATES ND- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% IST REPT INC	%	PREDICTED DIFFERENCES MILK	%	FAT	$$
531050 GREYSTONE PREMIERS IKE.....*		2	14	1-21	18	4.0	10,351	4.62	478	13	31	+37	-.03	-1	0
11-06-56 488786 1167411 5-71					24		10,297	4.74	488						
531051 GREYSTONE JDLLY PRINCE.....*		1	16	1-23	16	5.3	10,535	4.51	475	0	28	+93	-.05	-1	+2
12-09-56 518014 1130671 5-71					21		10,266	4.72	485						
531081 U OF M G GIANT.....	41-01	64	8	5-35,41,	195	2.3	9,432	4.73	446	8	86	-3	-.02	-2	-2
10-02-56 5C7524 1446249 5-71				42,45,46	10		9,415	4.78	450						
531124 DELPHI DELL HIS OELL.....*		1	12	1-91	12	1.9	10,549	4.60	485	**	22	-83	+.02	-2	-4
01-04-57 496730 1180710 5-71					16		11,074	4.55	504						
531229 Q O JANETS HDMER.....*		1	14	1-35	14	3.9	9,388	4.52	424	17	26	+80	-.07	-3	0
07-31-56 491725 722974 5-71					12		9,017	4.85	437						
531269 SAN MDRS KINGS TRIUMPH.....*		12	1	3-23,31,	15	2.0	8,145	4.81	392	27	47	-482	+.03	-20	-29
09-28-56 329184 1406054 5-71				51	14		9,127	4.77	435						
531316 APPLEBROOK PREDICTION SUPREME.*		6	4	2-22,23	11	3.1	9,140	4.68	428	29	34	-256	-.07	-18	-22
12-16-56 349258 958571 5-71					22		9,915	4.91	487						
531471 YELLOW CREEK S PRINCE.....*		1	18	1-32	18	1.9	10,185	5.18	528	31	24	-139	+.05	-2	-5
09-14-56 475595 1388019 5-71					7		10,884	5.04	549						
531472 YELLOW CREEK S CHARMER.....*		2	11	1-32	14	2.2	10,069	5.17	521	31	28	-103	+.05	0	-3
10-22-56 475595 1243082 5-71					9		10,533	5.01	528						
531473 YELLOW CREEK S TRAVELER.....*	31-02	99	9	12-31,32,	310	1.5	9,730	4.72	459	19	89	-414	+.08	-12	-21
12-09-56 475595 1420891 1-71				34,58,72	34		10,259	4.65	477						
531480 ROCK MOORS OEANS ARCHIE.....		1	14	1-41	14	3.4	7,230	4.54	328	11	25	-225	-.02	-12	-16
11-08-56 478868 1450167 5-71					6		7,977	4.70	375						
531514 WYNO SAINTS REX.....*	23-02	31	8	1-23	87	2.5	8,828	4.88	431	16	74	-130	+.10	+3	-1
08-29-56 429156 1275760 5-71					11		8,936	4.76	425						
531519 COSKERYS MUSIC OPTIMIST.....*		1	34	1-21	34	4.5	9,558	4.63	443	6	31	+68	+.01	+4	+5
02-08-57 509305 1259627 5-71					24		9,304	4.61	429						
531668 HOMINY HILL HELIOS.....*		9	13	4-23,51,	28	3.0	10,865	4.59	499	0	41	+139	-.04	+3	+6
12-23-56 431647 1130654 5-71				56,73	17		10,629	4.67	496						
531669 HOMINY HILL TUDOR.....*		2	16	1-23	18	2.3	9,655	4.38	423	7	27	+29	-.03	-2	-1
12-31-56 422711 1126000 5-71					15		9,540	4.55	434						
531690 NORTHERN A OOETTAS UNIVAC.....*		2	60	2-15,52	62	2.6	8,749	4.77	417	11	30	-12	+.01	0	0
02-18-57 452274 1483420 5-71					38		8,700	4.79	417						
531700 OLD HOMESTEAD IMPRINT.....*	72-01	11	7	1-72	38	3.1	8,857	4.46	395	12	59	-39	-.01	-3	-4
09-27-56 398391 1380156 5-71					72		8,847	4.48	396						
531805 TIOELANO LUOLOWS LIBERATOR....*		8	14	5-22,63,	27	3.6	11,738	4.36	512	15	40	+475	-.09	+13	+23
01-23-56 469730 1212438 5-71				86,91,92	35		10,658	4.52	482						
531874 ROBINOELL ESQUIRE.....*		4	8	2-82,91	21	2.1	9,532	4.72	450	32	40	-236	+.03	-8	-13
10-18-56 513316 1238078 5-71					17		10,177	4.68	476						
531877 WHITE PLAINS PAMELIAS FABRON..*		7	2	2-23,58	11	2.8	8,632	4.69	405	0	39	-341	+.04	-12	-19
11-25-56 454224 1469560 5-71					60		9,486	4.62	438						
531880 SUNRISE VALES MONARK.....*		2	14	1-31	16	4.7	10,390	4.47	464	0	30	-131	-.03	-9	-11
02-09-54 468855 1225458 5-71					12		10,960	4.58	502						
531957 WINOY HILL ORIS PRINCE.....*		8	41	2-23,31	54	4.7	9,212	4.88	450	2	38	-15	+.07	+6	+5
03-22-56 457015 947516 5-71					54		9,212	4.69	432						
531996 MULHOCAWAY BUTTERFAT ASSURANCE*	22-03	24	2	4-22,23,	34	3.2	8,500	5.02	427	7	68	-530	+.17	-9	-21
09-21-56 431323 738836 5-71				51,58	19		9,245	4.77	441						
532163 YELLOW CREEK B CHAMPION.....*	71-01	6	4	1-71	17	3.3	7,825	4.91	384	**	45	-645	+.16	-16	-30
09-07-56 481593 1060574 5-71					10		9,213	4.54	418						
532192 LANGWATER ALPINE KING.....*		3	14	1-48	25	2.9	8,742	4.61	403	13	38	-136	-.07	-13	-14
10-08-56 495398 1487379 5-71					12		9,050	4.85	439						
532198 SPRING GAROEN NICKY.....*		1	21	1-51	21	3.0	9,398	4.70	442	9	27	-15	-.02	-3	-3
10-02-56 516115 1469121 5-71					16		9,440	4.86	459						
532240 BLISS ETTAS NOBLE.....*		1	18	1-14	18	3.7	9,868	4.78	472	6	27	-74	-.01	-4	-5
02-11-57 390190 1212469 5-71					17		10,203	4.85	495						
532253 WOLFPEN NICOOEMUS.....*		1	41	1-16	41	2.6	9,180	4.39	403	18	29	-68	-.05	-8	-8
06-18-56 426337 1018354 5-71					42		9,395	4.61	433						
532284 CRESTWOOO LINCOLN.....*		1	39	1-41	39	3.4	7,883	4.91	387	7	30	-40	.00	-2	-3
10-22-56 467223 1404404 5-71					35		7,840	4.99	391						
532375 MCDONALO FARMS RIVAL ZENITH...*	33-02	25	3	1-33	59	2.6	8,709	4.70	409	11	74	-214	+.02	-8	-12
11-09-56 493168 1140945 5-71					12		8,929	4.69	419						
532399 GOLDENWHITE L G BRIGHT STAR...*		4	22	1-23	28	2.6	10,716	5.02	538	9	31	-26	+.11	+9	+7
04-22-56 389862 1489894 5-71					9		10,933	4.72	516						
532448 CONORA KING.....*		3	13	1-31	30	1.8	9,332	4.67	436	19	39	0	-.01	-1	-1
03-04-57 329184 1337583 5-71					9		9,300	4.73	440						
532455 SKYLINE LEES ALEX.....*		5	12	3-47,48,	33	3.6	9,238	4.91	454	7	49	+175	+.08	+16	+18
10-27-56 483717 1394175 5-71				73	10		8,793	4.74	417						
532502 GRUBER FARM HORNET.....*	23-05	62	2	1-23	91	2.6	9,271	4.64	430	17	84	+38	-.03	-1	0
07-19-56 440747 1384366 5-71					11		9,181	4.69	431						
532564 KENMAX PASQUALES LOLLIPOP.....	93-05	13	5	4-35,82,	37	2.2	11,731	4.34	509	11	61	+344	-.02	+14	+21
11-04-56 513875 1495982 5-71				86,93	18		11,335	4.32	490						
532567 ALLAN MANOR P R IMPROVER.....*		7	7	3-55,56,	17	3.3	9,852	4.79	472	18	38	+271	+.01	+14	+19
02-15-56 513020 1006061 5-71				57	29		9,084	4.78	434						
532665 SYCAMORE BUTTERFAT PLUTOCRAT..*	51-01	38	3	5-23,51,	64	2.8	8,024	4.76	382	15	78	-668	-.01	-32	-44
02-12-57 473982 1179714 5-71				52,54,84	13		8,794	4.79	421						
532698 IDEALS TETON.....*		31	53	11-16,22,	129	2.8	10,397	5.08	528	10	50	-122	+.07	+1	-2
12-01-55 250879 937019 5-71				23,33,52	82		10,754	4.97	535						
532742 8AIN RIOGE PRE SUNRAY.....*		3	26	1-23	30	2.9	8,788	4.88	429	25	30	-383	+.05	-13	-21
04-15-57 506499 1560314 5-71					10		10,112	4.73	478						
532763 PRICES MARKSMAN SHOW8OY.....*		14	2	4-33,82,	25	3.2	10,502	4.69	493	6	60	+372	-.04	+13	+20
09-11-56 509431 1057178 5-71				91,92	27		9,909	4.78	474						
532829 VALLEY FARM MEL STRONGHEART...*	22-03	22	4	3-22,23,	45	3.2	9,114	4.79	437	9	69	-196	-.01	-10	-13
11-08-56 408223 812708 5-71				33	23		9,372	4.84	454						
532840 HILLDALE 8UTTERFATS ACE.....		1	32	1-41	32	1.8	8,599	4.70	404	13	26	-91	+.03	-1	-3
11-07-56 410998 918405 5-71					5		8,876	4.57	406						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% FAT	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	% FAT	FAT $$
532853 ESKDALE SARGONS SUPREME.....*		3	6	1-57	11	2.5	8,863	4.67	414	**	29	+36	-.06	-4 -2
08-19-56 514579 955565 5-71					20		8,641	4.95	428					
532855 HAYES ACRES ROYAL HONOR.....*		3	11	2-31,64	20	2.4	7,520	5.08	382	9	35	-427	+.10	-11 -20
07-15-54 429298 1257041 5-71					12		8,652	4.76	412					
532932 WERNS REVELATIONS ROYAL.....*		2	11	1-35	13	1.7	6,495	4.62	300	14	23	-266	+.04	-9 -14
03-31-57 508153 1037681 5-71					39		7,415	4.48	332					
533016 WESTERN GLOW F L BUTTERFAT....*		5	10	1-91	27	2.9	11,161	4.66	520	12	44	+217	-.08	+2 +7
02-27-57 522682 1361624 5-71					17		10,786	4.85	523					
533094 SUPERIOR OF GLENBURNIE.....*		5	38	2-23,51	46	3.1	10,302	4.65	479	7	34	+27	-.01	0 +1
02-08-57 498929 1356507 5-71					33		10,288	4.69	483					
533172 BELLES JUNO.....*		1	13	1-34	13	2.1	10,763	4.89	526	**	22	+126	+.03	+9 +11
05-10-57 474070 1069878 5-71					9		10,266	4.75	488					
533245 FOROS LANDING BLAKEFAT.....*	56-02	14	4	2-55,56	36	3.5	7,816	4.38	342	0	64	-363	-.03	-20 -26
02-01-57 436604 1068116 5-71					25		8,250	4.45	367					
533301 HI HOPES R MELVIN.....*		1	11	1-35	11	6.2	9,012	4.67	421	0	27	-190	.00	-9 -12
12-16-56 480805 1119969 5-71					21		9,736	4.70	458					
533312 IDEALS LUMINARY.....*	11-01	63	16	6-11,13,	181	2.5	9,409	4.72	444	26	79	-320	+.03	-12 -18
02-27-56 452274 1329093 5-71				14,16,33	16		9,838	4.70	462					
533355 BLUFF VIEW STATESMAN.....*		4	19	2-74,85	40	2.2	9,731	4.58	446	11	42	-331	+.03	-13 -19
02-12-57 515675 935792 5-71					24		10,623	4.56	484					
533398 ELRASON DANL BOONE.....*		3	24	1-92	30	2.8	9,879	4.58	452	**	32	+18	-.02	-1 0
02-15-56 456380 1051994 5-71					24		9,844	4.66	459					
533444 MAPLE DAWN MASTERS FLARE.....*		1	14	1-34	14	2.4	8,746	4.72	413	0	24	-184	.00	-9 -12
01-30-57 411894 842668 5-71					6		9,517	4.78	455					
533462 VALLEY FARM MERITS GENE.....*		4	5	2-21,22	12	4.9	8,635	4.68	404	**	38	-142	-.03	-9 -11
12-07-56 428869 1167690 5-71					13		8,939	4.79	428					
533469 SONNY ACRES P BANOMASTER.....*		1	11	1-32	11	3.6	9,976	5.20	519	11	25	+74	+.04	+7 +8
01-21-57 518200 1640025 5-71					11		9,680	5.10	494					
533470 NORMANDY IMPERIALIST.....*	41-25	71	5	8-41,42,	165	2.3	9,341	4.59	429	20	87	-203	-.09	-18 -20
06-05-56 453207 1416387 5-71				43,47,48	10		9,571	4.71	451					
533539 GOLDEN GRANGE KING BUTTERFAT..*		1	15	1-32	15	4.3	10,229	4.84	495	0	27	-31	-.02	-3 -3
01-12-57 480732 929759 5-71					8		10,426	4.94	515					
533583 INDIAN MOUND LEVITY MANOR.....*		1	18	1-32	18	2.2	8,992	4.59	413	9	25	+196	-.02	+7 +11
04-20-56 432901 1156262 5-71					7		8,031	4.69	377					
533596 SANS SOUCI BOND VICTOR.....		2	16	1-93	18	1.4	9,594	4.95	475	0	24	-26	+.03	+2 +1
04-07-57 490232 1308787 5-71					66		9,717	4.85	471					
533615 BAYVILLE JOLLY CONQUEROR.....*		1	19	1-52	19	2.8	7,403	4.70	348	12	26	-150	.00	-7 -10
03-02-57 504890 1131742 5-71					9		7,792	4.74	369					
533706 CAUMSETT BUCCANEER.....*		2	15	1-16	21	2.4	10,488	4.95	519	17	32	+5	+.03	+3 +3
02-29-56 387105 1027446 5-71					11		10,565	4.89	517					
533757 OINSMORE MAYROYAL PHILOSOPHER.*		3	30	1-58	37	2.3	6,633	4.31	286	**	32	-270	+.01	-12 -17
02-09-57 376230 1273695 5-71					158		7,250	4.33	314					
533761 IDEALS TEMPLAR.....*	33-03	23	1	11-11,23,	25	2.4	8,864	4.65	412	13	61	-147	-.01	-8 -10
06-29-56 493896 1350958 5-71				32,34,35	13		9,050	4.69	424					
533764 NOR BER KING.....		2	29	2-11,34	31	2.5	10,405	4.71	490	7	29	+103	+.01	+6 +8
03-04-57 521268 1338851 5-71					3		10,096	4.68	472					
533769 NORGERTS ROYAL NANCE.....*	33-03	1,097	24	47-21,23,	4,610	1.9	10,870	4.43	481	10	99	+562	-.23	+3 +17
01-13-57 473218 1427010 5-71				32,33,35	51		10,374	4.64	481					
533773 NORGERTS ROYAL SOLITAIRE.....*	33-02	30	5	2-33,63	79	2.4	9,496	4.55	432	9	77	+128	-.08	-2 +2
04-23-57 473218 1169469 5-71					10		9,297	4.67	434					
533774 NORGERTS ROYAL PAULSON.....*	33-03	271	7	35-23,31,	583	2.0	9,844	4.35	428	11	95	+292	-.25	-11 -2
05-10-57 473218 1022397 1-71				33,35,58	32		9,527	4.62	440					
533784 FAWN ISLE H COUNTRYMAN.....*		2	19	2-34,35	21	3.0	9,551	4.91	469	20	29	-131	-.01	-7 -9
02-07-56 443991 1163684 5-71					22		10,057	5.00	503					
533857 WESTLYNN B DONALD.....*		8	10	3-85,91,	36	2.0	9,764	4.62	451	**	49	-15	+.03	+2 +1
03-20-57 496783 1307224 5-71				92	22		9,815	4.56	448					
533859 ELMWOOD MELBAS MASTER.....*		3	18	2-34,74	22	2.7	11,066	4.85	537	20	29	+40	+.03	+5 +5
03-23-57 432069 1369252 5-71					14		11,075	4.76	527					
533933 FLO RAYS SU HIGH POWER.....*		4	19	1-43	30	2.0	8,489	4.99	424	**	35	-484	+.08	-15 -25
03-05-57 510955 1553033 5-71					9		9,906	4.76	472					
533943 LAKE LOUISE CEDARS COUNT.....*		13	15	6-33,63,	54	3.1	9,977	4.60	459	10	56	-31	-.07	-8 -7
02-23-57 514782 1366995 5-71				82,91,92	16		10,079	4.75	479					
533972 LEE KRA FARMS S ALTO.....*		1	11	1-32	11	4.5	8,264	5.19	429	10	25	-34	+.11	+9 +7
01-06-56 505071 1658239 5-71					6		8,268	4.66	385					
533976 FINLEY VIEW BUNNYS STEVEN.....		1	44	1-43	44	2.3	10,490	4.52	474	**	28	-80	+.01	-3 -5
04-27-57 504599 1086639 5-71					7		10,902	4.51	492					
533997 FOREMOST FOOTPRINTS CRUSADER..*		3	13	1-31	27	2.4	8,074	4.83	390	**	40	-298	+.02	-12 -18
01-27-57 351131 1097433 5-71					31		8,741	4.82	421					
534079 VILLA WAY ROSS.....*		3	11	2-31,32	15	3.7	10,465	4.61	482	**	30	+333	-.02	+13 +19
11-28-56 519683 911662 5-71					12		9,307	4.70	437					
534095 ZEITLER FARMS LEVITY HOLLISTON*		11	11	5-23,50,	37	2.8	10,052	4.73	475	10	51	+220	-.02	+8 +12
05-18-57 5C6918 1548639 5-71				56,63,64	31		9,620	4.78	460					
534134 ELMWOOD DEAN.....*		3	23	2-41,47	27	3.7	8,452	4.60	389	5	32	+144	-.07	0 +4
03-17-57 428643 925801 5-71					15		7,827	4.87	381					
534174 KINGENDALE DOUGS ACTOR.....*		2	30	1-31	34	4.3	9,816	5.05	496	3	33	-88	+.10	+5 +2
11-28-56 512383 1534972 5-71					9		10,142	4.78	485					
534178 WANDAMERE MIRACLE DEFENDER....*		7	9	2-91,92	30	2.0	9,542	4.73	451	**	47	-100	+.02	-3 -5
12-18-56 484493 1273371 5-71					26		9,773	4.72	461					
534193 GREEN FIELDS IDEAL.....*		5	5	3-55,56,	13	2.1	8,940	4.51	403	**	34	-45	+.01	-1 -2
01-17-57 519595 897519 5-71				58	26		9,012	4.51	406					
534225 VALLEY SET STARS AMBLER.....*		3	24	1-32	33	3.6	9,380	4.91	461	12	36	-30	+.01	0 -1
01-26-57 483285 895259 5-71					11		9,450	4.90	463					
534236 JUANITA LIBERAL.....*		1	12	1-56	12	2.8	7,927	4.50	357	17	24	-193	.00	-9 -12
04-04-57 474514 1354922 5-71					18		8,649	4.56	394					

REGISTRATION NUMBER NAME DF BULL	STUD CODE	NUMBER DF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK MILK	% %	FAT FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
534293 FLYING HORSE G R LUCKY STRIKE.*		1	13	1-16	13	3.7	8,816	4.40	388	**	27	-23	-.02	-3	-3
01-18-57 496678 1225127 5-71					9		8,824	4.52	399						
534319 ROSEWOOD BEA PRIMATE.....*		2	11	1-42	14	3.6	9,386	4.35	408	15	30	+209	-.09	+1	+6
03-13-57 498183 1545680 5-71					4		8,576	4.66	400						
534326 GREYSTONE KING THEO.....*	35-04	21	3	8-21,34,	37	2.6	8,723	4.85	423	15	66	-172	+.08	0	-4
01-13-57 497410 1677745 5-71				35,42,63	31		8,913	4.73	422						
534362 GUERNSDEL MAXIM KARL.....*		6	24	5-21,51,	33	2.4	9,532	4.92	469	21	33	-258	+.07	-5	-11
01-27-57 435793 1194322 5-71				52,56,58	34		10,389	4.75	493						
534411 STRAITS VIEWS CONFLICT.....*		5	2	2-91,93	10	2.5	10,084	4.70	474	0	36	+102	+.02	+7	+8
05-06-57 470663 1296189 5-71					13		9,819	4.64	456						
534452 FOUR WINDS FASCINATOR.....*		2	27	1-43	29	3.7	8,444	4.54	383	11	31	-142	.00	-7	-9
12-19-56 455056 1488850 5-71					8		8,828	4.59	405						
534466 JO BE DUDES MARINE.....*		3	31	1-47	43	2.6	8,784	4.64	408	20	34	-202	.00	-9	-13
05-08-56 452551 1133507 5-71					11		9,344	4.68	437						
534519 CLOVERDALE SOCIAL DORMAN.....*	93-16	7	27	5-21,31,	50	1.3	11,135	4.79	533	8	35	+19	+.10	+11	+10
04-09-57 419221 1327334 5-71				86,87,93	142		11,243	4.52	508						
534533 HAMILTON COUNTY S G LAD.....*		1	11	1-63	11	4.3	9,543	4.65	444	0	26	-202	.00	-9	-13
12-02-56 512973 1514221 5-71					14		10,409	4.69	488						
534575 KLONDIKE IDEALS JAFFRAY.....*		2	20	1-56	22	2.8	9,778	4.54	444	17	28	-149	-.02	-9	-11
04-04-57 489652 838487 5-71					34		10,385	4.63	481						
534613 WARDELLS BROCKTON CHAMPION....*	23-11	20	21	5-22,23,	104	2.1	9,175	4.56	418	11	62	-274	-.11	-23	-26
02-15-57 422711 1521205 5-71				31,51,58	28		9,617	4.75	457						
534614 DEERPATH MAXS GOLDMINE.....*		7	37	5-52,55,	48	2.5	9,913	4.52	448	18	34	-78	-.09	-12	-12
01-07-57 440652 1038767 5-71				56,57,63	28		10,204	4.81	491						
534625 NORTHERN O CAPTIN.....*		2	13	1-15	17	2.5	7,627	4.90	374	**	29	-394	+.08	-11	-19
07-12-57 519627 779892 5-71					13		8,937	4.63	414						
534649 LERSON LAWN QUESTOR EMORY.....*		2	11	2-21,23	13	4.6	10,715	4.43	475	0	29	+80	-.06	-2	0
03-05-57 522006 1375335 5-71					20		10,523	4.64	488						
534692 MCDONALD FARMS MISTER ABNER...*		2	12	1-31	20	2.8	9,078	4.73	429	0	35	-232	+.09	-2	-8
02-26-57 488786 1609525 5-71					15		9,761	4.49	438						
534741 YELLOW CREEK BFT GYPSY BOY....*		15	10	6-23,32,	37	2.3	9,986	5.12	511	29	51	-89	+.10	+5	+2
12-20-56 475595 1343872 5-71				35,56,84	20		10,222	4.97	508						
534742 YELLOW CREEK BUTTERFAT PAL....*		4	18	2-41,46	23	3.6	10,990	4.50	495	**	33	+382	-.09	+9	+17
01-05-57 475595 1293527 5-71					6		9,842	4.77	469						
534746 YELLOW CREEK BFT DON LEE.....*	31-02	87	4	11-31,32,	195	2.5	9,391	4.67	439	19	90	-254	+.03	-9	-14
04-20-57 478507 1260591 5-71				43,55,56	24		9,680	4.66	451						
534761 MULBERRY HILL ROSE EMINENT....*		2	20	1-51	39	3.4	8,662	4.91	425	0	43	+77	+.08	+11	+11
07-29-57 504225 1556801 5-71					13		8,354	4.70	393						
534811 HOLLIKNOLL CORONETS CUSTER....		1	22	1-52	22	1.7	9,484	4.50	427	0	25	+67	-.01	+2	+3
08-24-56 417711 1028786 5-71					9		9,162	4.55	417						
534850 GOLDEN HARVEST K SHADOW.....*		1	24	1-55	24	3.0	9,742	4.63	451	12	28	+8	+.03	+3	+3
03-03-57 329184 1217494 5-71					4		9,721	4.53	440						
534854 GOLDEN HARVEST C CHAMPION.....*	23-04	24	2	4-23,33,	38	3.4	8,892	4.93	438	4	71	-292	+.08	-6	-13
03-20-57 395480 1538306 5-71				35,55	23		9,269	4.83	448						
534899 GRAYCE FARMS V TRUMPETER.....*		2	8	1-74	11	2.6	6,780	4.44	301	**	27	-182	+.03	-6	-10
05-22-57 424925 1405885 5-71					23		7,209	4.36	314						
534976 GOLDEN GRANGE IDEAL VANGELINE.*	61-02	44	3	10-23,31,	77	2.2	9,599	4.59	441	8	79	-5	-.01	-1	-1
08-20-55 424343 1103034 5-71				32,33,61	14		9,604	4.61	443						
535032 EDISTO FARMS G GOLDBAR.....*		1	16	1-56	16	1.9	6,370	4.65	296	18	23	-238	.00	-11	-15
09-08-56 420373 1356325 5-71					25		7,153	4.71	337						
535074 MULHOCAWAY BUTTERFAT CHARTER..*	22-03	12	5	2-22,23	34	2.9	9,197	4.74	436	19	61	-148	+.02	-5	-8
07-16-57 507027 1574860 5-71					32		9,421	4.73	446						
535096 DRIFTWOODS FLASH.....*		2	12	1-51	15	2.9	9,741	4.87	474	13	29	+12	+.10	+10	+9
03-15-57 453210 1276404 5-71					30		9,707	4.52	439						
535204 MENDALE PIDNEERS GOLDEN GENE..*		2	36	1-32	38	3.2	8,767	5.05	443	10	31	-47	+.05	+3	+1
04-01-56 481241 1190066 5-71					6		8,844	4.88	432						
535220 GLENGERAN FORTUNES CROMWELL..*	51-02	61	2	6-23,31,	99	3.2	8,662	4.89	424	19	86	-268	+.13	0	-7
10-26-56 510634 932255 5-71				51,52,54	14		8,904	4.74	422						
535252 FLYING HORSE MS CONQUEROR.....*	31-01	17	2	4-31,48,	24	2.5	8,623	4.70	405	6	59	-408	+.01	-18	-26
03-01-57 428378 1262206 5-71				58,65	17		9,286	4.70	436						
535253 FLYING HORSE DOTES ROYAL.....*	23-05	78	3	4-12,21,	144	3.2	9,021	4.77	430	17	89	-215	+.07	-3	-8
03-12-57 496678 1553146 5-71				23,57	14		9,224	4.69	433						
535264 BEN VENUE KING.....*		1	25	1-52	25	2.7	8,420	4.68	394	0	28	-199	-.01	-10	-13
09-18-57 522351 1533437 5-71					10		9,083	4.75	431						
535285 TIDELAND LUDLOWS HONOR.....*	92-01	30	3	2-91,92	50	2.4	9,627	4.77	459	**	72	-56	+.05	+2	0
01-04-57 469730 1282521 5-71					13		9,715	4.70	457						
535296 ROMERT FAIR VIEWS ROYAL.....*		2	10	1-23	20	3.1	9,876	4.57	451	17	37	-19	-.03	-4	-4
03-14-57 519891 1445258 5-71					16		9,964	4.68	466						
535307 HENSLEE FARMS OMAR.....*		7	14	3-32,33,	36	3.3	9,031	4.62	417	0	47	-187	+.01	-8	-11
03-15-57 426335 1546923 5-71				58	13		9,406	4.61	434						
535338 WESTERN GLOW MARYANNS TRAVELER*	35-02	82	3	10-35,64,	146	2.8	10,122	4.49	454	16	89	+207	-.20	-10	-3
05-16-57 522682 1140664 5-71				81,82,91	16		9,917	4.72	468						
535363 SHAMROCK PEERS DOMINANT.....*		5	3	2-48,87	12	1.7	7,787	4.49	350	20	34	-201	.00	-9	-13
01-14-57 404433 1424330 5-71					8		8,235	4.53	373						
535413 GLENGERAN FORTUNES FINANCIER..*		7	2	3-22,23,	10	2.8	7,663	4.62	354	29	38	-379	-.04	-21	-27
08-22-56 510634 1410531 5-71				50	14		8,558	4.78	409						
535444 FOREMOST FOOTPRINTS DESIGNER..*		5	14	3-64,65,	23	1.9	7,112	4.34	309	11	32	-182	.00	-8	-11
03-04-57 351131 1638718 5-71				72	26		7,461	4.36	325						
535492 BAYVILLE ROYAL DUKE.....*		24	107	9-31,51,	192	2.4	9,473	4.57	433	12	43	-183	-.06	-14	-16
03-26-57 449539 1533430 5-71				52,55,63	97		9,928	4.73	470						
535562 FAIRLAWN MILKMAIDS STEADFAST..*		6	13	1-23	22	2.9	9,558	4.60	440	21	35	-190	.00	-9	-12
04-19-57 515262 1568359 5-71					20		10,159	4.65	472						
535563 FAIRLAWN S SAILOR BOY.....*		2	25	1-23	27	2.5	11,591	4.81	558	43	27	-180	+.04	-5	-9
04-21-57 515262 1368853 5-71					22		12,544	4.75	596						

REGISTRATION NUMBER / NAME / DF / BULL	STUD CODE	NUMBER DF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
535568 HOMEACRES BETSYS STANDBEST....*		4	23	2-52,55	32	2.5	9,481	4.28	406	15	33	+91	-.04	0	+2
09-30-57 522351 1634957 5-71					9		9,158	4.41	404						
535663 IDEALS SUSIES JANUS.....*	91-11	8	3	2-42,65	15	1.9	9,393	4.54	426	**	42	+111	-.06	-1	+2
06-15-55 5C6998 1459003 9-70					6		9,070	4.73	429						
535688 WESTLYNN 8 COAST KING.....*	41-25	53	5	10-41,42,	115	2.1	9,497	4.66	443	23	82	-462	-.07	-28	-35
08-17-57 496783 1029751 5-71				43,45,92	17		10,108	4.77	482						
535689 WESTLYNN 8 COLLEGE KING.....*	48-01	40	5	5-31,42,	97	2.2	8,778	4.80	421	18	80	-243	+.02	-9	-14
08-17-57 496783 1029751 5-71				47,48,73	13		9,022	4.79	432						
535716 RUSHCREEK BEAUTY HERD.....*		3	20	2-34,61	24	3.0	8,442	5.03	425	**	30	-245	+.10	-2	-8
07-11-57 496474 1506174 5-71					8		9,215	4.69	432						
535717 SOUTH BAYS MONOGRAM MONARCH...*		1	20	1-91	20	1.5	8,008	4.76	381	**	23	-278	+.01	-12	-17
05-08-57 527751 833480 5-71					19		9,191	4.77	438						
535733 CLEVERLANDS LANCELOT.....*		2	21	1-93	29	2.9	12,208	4.46	544	0	34	+46	-.02	0	+1
12-18-56 415186 1220032 5-71					76		12,343	4.51	557						
535809 DENNIS FARM FORE JACK.....*		7	3	1-33	13	1.9	8,829	4.85	428	0	40	+2	+.03	+3	+3
07-08-57 449173 1678551 1-71					8		8,734	4.77	417						
535830 FERN LANE CORABELLES FAME.....		3	4	1-82	11	1.7	7,739	4.79	371	**	32	-412	-.01	-20	-27
04-12-57 365219 1365018 5-71					4		8,962	4.85	435						
535843 GAYLORD TYCOONS TRIBUTE.....*		4	23	3-72,73,	35	2.3	7,829	4.76	373	11	35	-293	+.11	-3	-10
05-28-57 516288 1059515 5-71				85	88		8,570	4.42	379						
535854 BLUFF VIEW SATIRE.....*		4	31	1-48	37	2.5	9,189	5.13	471	21	31	-128	+.06	0	-3
10-03-57 515675 1315237 5-71					14		9,599	4.98	478						
535890 MARGENDELL KING RICHARD.....*	33-03	28	2	11-21,23,	41	2.8	9,053	4.47	405	14	71	-154	-.10	-17	-18
07-28-57 444417 780505 5-71				33,35,65	11		9,232	4.64	428						
535891 MARGENDELL MANITOU CHIEF.....*		1	18	1-35	18	3.6	8,734	4.47	390	0	27	-114	.00	-5	-7
08-09-57 444417 1476715 5-71					7		9,109	4.48	408						
535901 MAURANA MASTERS PREMIER.....*		2	41	1-32	58	2.8	11,255	4.60	518	6	36	+325	-.12	+3	+11
05-17-57 385582 1028181 5-71					15		10,436	4.96	518						
535960 NORMANDY ADVANCE.....*		1	23	1-32	23	2.8	8,794	4.69	412	31	27	-189	+.04	-5	-9
04-13-56 511379 1575407 5-71					7		9,490	4.58	435						
535968 DENNY DALE DONS BUSTER.....*		5	7	3-82,84,	18	2.6	10,435	4.64	484	9	37	-117	+.03	-3	-6
03-17-57 359246 1321929 5-71				91	16		10,875	4.59	499						
535977 CURLES LE OSMUND SAM.....*		1	22	1-52	22	3.4	7,209	4.80	346	0	28	-118	+.03	-3	-6
08-16-57 450706 1342335 5-71					59		7,405	4.71	349						
535997 MER DONS AUGUSTA BEAUTY PHIL..*		2	13	2-31,57	20	3.7	9,575	4.91	470	25	35	+23	+.01	+2	+2
03-20-57 424343 1108288 5-71					56		9,497	4.90	465						
536096 SUNESLOPE PERFECTION ESQUIRE..*		1	19	1-35	19	3.4	9,972	4.85	484	13	27	-124	+.04	-2	-5
07-26-57 444549 1310111 5-71					8		10,526	4.75	500						
536118 ROSEWOOD BUTTERFAT FLASH.....*	48-01	18	3	2-48,73	34	2.9	8,752	4.54	397	18	64	+25	-.13	-11	-8
05-11-57 498183 1025012 5-71					16		8,611	4.78	412						
536120 I C ROSEWOOD ROYAL IRISHMAN...*	72-01	12	10	1-72	43	2.3	9,785	4.16	407	9	54	+333	-.18	-2	+7
07-02-57 473218 1193761 5-71					83		9,116	4.48	408						
536134 RUSHCREEK SUPREME ACTDR.....*		7	4	3-32,34,	16	3.4	10,470	5.10	534	29	45	+159	+.13	+20	+21
11-14-57 475595 1572342 1-71				63	12		10,172	4.87	495						
536157 KINGENDALE GOLDEN TIDE.....*		4	17	1-31	22	3.8	9,701	4.96	481	13	32	-205	+.06	-4	-9
06-15-57 516183 1618853 5-71					18		10,423	4.83	503						
536160 MEADOW LANE ROMAN.....*		2	22	1-34	43	3.6	9,520	4.93	469	4	43	-4	.00	0	0
02-16-56 489690 1414354 5-71					6		9,521	4.95	471						
536182 ROBERTS FARM ROYALS PEER.....*	91-11	38	20	13-16,31,	134	2.5	10,392	4.60	478	15	70	+126	-.08	-2	+2
07-29-57 438330 1459003 5-71				33,35,42	20		10,276	4.73	486						
536188 HARDY FARM EL MAESTRO.....*		3	14	1-33	22	3.2	9,229	5.19	479	15	35	-85	+.07	+3	0
04-21-57 536061 1763604 5-71					8		9,455	5.01	474						
536272 FLYING HORSE HARMONY HEIR.....*		2	15	1-11	17	3.8	10,435	4.71	491	0	29	-15	+.01	0	0
07-21-57 467844 1065595 9-70					10		10,584	4.71	498						
536364 HANOVER HILL GENERAL.....*		16	2	8-21,23,	22	3.5	10,219	4.62	472	0	58	+341	-.07	+9	+16
08-09-57 503099 1583758 5-71				31,32,55	29		9,633	4.74	457						
536389 NORMANDY ELECTOR.....*		10	4	2-56,57	20	4.1	9,462	4.63	438	0	53	+108	+.02	+7	+9
05-13-57 519147 1671558 5-71					40		9,216	4.58	422						
536393 BAYVILLE ROYAL MARSHAL.....*	52-01	16	37	2-52,72	75	2.2	9,560	4.78	457	20	44	-47	.00	-2	-3
07-07-57 449539 809234 5-71					34		9,674	4.81	465						
536397 BAYVILLE ROYAL HECKLER.....*		4	10	1-52	17	2.9	7,840	5.18	406	**	33	-491	+.11	-13	-24
09-19-57 449539 1440255 5-71					108		9,277	4.83	448						
536408 WALKER FARMS SUPERIOR.....*		2	10	1-65	12	4.6	10,202	4.42	451	0	28	-96	+.02	-3	-5
08-11-57 431108 1396837 5-71					33		10,647	4.40	469						
536451 BELLE LANE TUDOR.....*		2	10	1-65	16	3.6	8,169	4.46	364	**	34	-207	-.03	-12	-15
03-14-56 499861 998060 5-71					9		8,693	4.57	397						
536475 HANSENAREA MOTEL.....*	21-10	157	3	9-11,13,	282	2.2	10,096	4.73	478	19	93	+252	+.07	+19	+22
11-07-57 425345 1531468 1-71				16,21,23	18		9,847	4.66	459						
536568 MONARCHS MASTERS PRINCE.....*		1	15	1-35	15	3.5	9,650	5.17	499	7	27	-110	+.05	0	-3
09-27-57 484076 871095 5-71					34		10,116	5.01	507						
536571 COWAN FARMS EARLS PAL.....*		4	14	1-35	39	3.2	9,810	4.45	437	15	48	+267	-.07	+5	+11
06-24-57 465155 1537583 5-71					21		9,215	4.61	425						
536609 NORGERTS QUANTITYS ROYAL DUKE.*	33-02	20	7	3-33,43,	65	2.5	9,874	4.64	458	11	70	+114	-.02	+3	+5
11-19-57 473218 1170693 5-71				57	20		9,721	4.68	455						
536610 NORGERTS ROYAL D SCOTSMAN.....*	35-21	90	10	6-33,34,	410	1.8	10,208	4.43	452	15	92	+196	-.24	-14	-7
12-22-57 473218 1600002 5-71				35,41,48	17		10,035	4.69	471						
536647 GRANOVU CHALLENGERS ROYAL.....*		3	17	1-35	22	2.6	8,270	5.10	422	18	31	-418	+.08	-12	-21
05-07-57 500172 1054383 5-71					28		9,616	4.85	466						
536658 FAIRLAWN LINARIAS WARRIOR.....*	93-02	13	40	6-31,84,	69	1.3	10,980	4.77	524	**	35	+125	+.04	+10	+12
08-11-57 473833 1265185 5-71				86,91,93	133		10,737	4.66	500						
536662 CLEVERLANDS HOOSIER.....*		4	17	1-93	24	2.8	11,827	4.68	553	5	32	-3	+.05	+5	+4
03-16-57 423418 1658232 5-71					71		12,086	4.54	549						
536701 MAPLE LEAF ROYALTY.....*		3	29	1-41	33	2.6	9,453	5.27	498	10	30	-47	+.10	+7	+5
09-18-57 498562 1206067 5-71					7		9,614	4.96	477						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
536761 MCDONALD FARMS RIVAL ADMIRAL..*		5	30	2-23,57	52	2.4	9,315	4.62	430	28	39	-96	-.03	-7	-8
07-06-57 493168 1657886 5-71					19		9,555	4.73	452						
536783 SOUTH VIEW SUPREME MASTER.....*		2	11	2-23,32	13	2.6	10,888	4.68	510	36	25	-126	-.05	-11	-12
09-24-57 475595 1052245 5-71					23		11,588	4.92	570						
536883 COL8YS MAGARS GENTLEMAN.....*		3	71	2-56,64	75	3.1	9,377	4.51	423	12	32	-68	+.01	-2	-3
07-15-57 440484 1144593 5-71					28		9,589	4.49	431						
536919 IDEALS GALLANTS SATELLITE.....*	61-01	8	2	2-61,63	12	3.1	6,979	4.70	328	10	42	-245	+.01	-10	-15
12-14-56 473089 762035 5-71					10		7,342	4.69	344						
536926 GRANO LAKE TRANSFERS HANK.....*		3	11	2-31,61	15	3.3	8,722	4.72	412	15	30	-56	+.03	0	-1
10-31-57 453207 1422864 5-71					10		8,833	4.63	409						
536974 PRESTOALE 80N CHAMPION.....*		1	40	1-42	40	3.4	11,037	4.81	531	9	30	+170	+.03	+11	+14
11-23-57 496783 1371359 5-71					14		10,558	4.74	500						
536976 PRESTOALE VICS VOLUNTEER.....*		10	18	5-82,84,	50	3.2	10,286	4.72	485	12	50	+146	-.02	+5	+8
12-17-57 511627 1655533 5-71				86,91,92	18		10,035	4.76	478						
536977 PRESTDALE VICS REX.....*	93-05	8	23	4-86,91,	43	3.0	10,358	4.43	459	14	40	+142	-.01	+6	+9
01-06-58 511627 1613591 5-71				92,93	17		10,043	4.41	443						
536983 CLEVERLANDS ZOLTON.....*		2	13	1-93	18	3.8	12,336	4.56	563	6	33	+83	.00	+4	+5
05-25-57 530378 1727471 5-71					74		12,356	4.56	564						
536994 HOMINY HILL FURNESS.....*	31-02	79	5	18-23,31,	200	2.5	10,253	4.47	458	7	90	+505	-.17	+6	+18
09-24-57 453762 1575732 5-71				43,56,71	21		9,695	4.66	452						
537075 GRAYSMARSH MAVERICK.....*		7	8	3-82,91,	38	3.1	8,604	4.78	411	26	55	-572	+.08	-19	-31
07-11-57 495079 1118813 5-71				92	30		9,646	4.64	448						
537087 PEPS ACRES MASHER.....*		2	12	1-92	14	1.8	9,734	4.68	456	0	24	+62	-.01	+2	+3
04-21-56 449685 1608152 5-71					10		9,461	4.76	450						
537109 CRESTWOOO MYRON.....*		1	11	1-35	11	3.5	8,319	4.90	408	9	24	-51	+.02	0	-1
03-10-57 506078 1540576 5-71					16		8,409	4.82	405						
537169 SHAMROCK MARVELS WESTERNER....*	93-02	4	5	2-85,93	10	1.1	10,484	4.74	497	**	24	-76	+.05	+1	-1
07-20-57 504087 1416512 5-71					159		10,930	4.57	500						
537210 LEAFY LANE HIGHLANDER.....*		12	16	2-31,32	35	3.0	9,855	4.92	485	4	44	-274	+.01	-12	-17
11-07-57 453207 1217447 5-71					14		10,577	4.93	521						
537222 WYNO SAINTS KING.....*		5	14	2-23,51	24	2.8	8,610	4.69	404	8	37	-289	+.04	-10	-16
09-02-57 429156 1616359 5-71					21		9,378	4.62	433						
537252 FLYING HORSE ROSEMARY MASTER..*		5	14	3-22,23,	33	3.0	10,143	4.96	503	17	45	-34	+.10	+8	+6
08-28-57 428378 934508 5-71				58	26		10,287	4.76	490						
537299 GOLOEN HARVEST F GLAOSTONE....*	91-13	71	6	5-82,87,	188	2.2	10,153	4.66	473	9	88	-148	-.05	-12	-14
07-31-57 507847 1609367 5-71				91,92,93	14		10,400	4.73	492						
537303 8RANTVIEW 8UTTERFAT MISTER....*		6	16	4-12,13,	26	3.5	11,589	4.57	530	26	37	+345	-.05	+11	+18
12-17-57 473982 1597191 5-71				14,16	12		10,778	4.69	505						
537307 WAROELLS 8ROCKTON SAILOR KING.*		4	10	2-22,23	26	2.4	9,952	4.55	453	21	42	-141	-.07	-13	-14
10-16-57 523825 1256099 5-71					48		10,369	4.74	491						
537339 MCOONALO FARMS PRE ROSE TOKEN.*	35-05	28	2	6-22,31,	39	3.6	10,140	4.44	450	7	72	+284	-.16	-3	+5
03-07-57 487032 1582424 5-71				35,41,91	17		9,756	4.67	456						
537398 MCOONALOFARMS JOLLY ARISTOCRAT*	33-02	29	2	1-33	43	3.2	8,793	4.86	427	9	73	-315	+.11	-4	-11
11-11-57 439587 988072 5-71					12		9,182	4.72	433						
537399 MCOONALO FARMS JOLLY APOLLO...*		15	41	3-47,48,	112	2.3	8,581	4.91	421	12	52	-143	+.08	+1	-3
11-11-57 439587 1516749 5-71				84	21		8,774	4.75	417						
537401 MCOONALD FARMS MISTER ANTON...*	35-05	49	19	5-31,32,	142	2.0	9,567	4.96	475	12	71	-16	+.15	+14	+11
07-19-57 488786 1328089 5-71				35,41,42	16		9,586	4.76	456						
537402 MCDONALD FARMS MISTER ANDY....*		2	49	2-72,74	51	2.4	9,902	4.41	437	14	29	+159	-.04	+3	+7
07-26-57 488786 1108716 5-71					52		9,324	4.56	425						
537541 WINOY HILL C VICTOR.....*		3	10	1-23	15	3.3	9,793	4.30	421	10	31	+59	-.09	-6	-3
08-03-57 449675 1541777 5-71					21		9,599	4.64	445						
537543 WINDY HILL C MINUTEMAN.....*		3	8	2-23,51	15	4.0	8,625	4.79	413	0	36	-209	+.03	-7	-11
11-17-57 449675 1246546 5-71					62		9,164	4.73	433						
537684 EOISTO FARMS M JASPER.....*		1	11	1-56	11	3.5	7,912	4.63	366	**	24	+175	.00	+8	+11
09-09-57 475070 1097095 5-71					23		6,921	4.65	322						
537715 ELMWOOD ELROY.....*		7	11	3-33,35,	25	2.7	9,915	4.71	467	11	41	-141	-.11	-17	-18
12-16-57 526820 1697034 5-71				42	11		10,334	5.00	517						
537743 ALPINE ROSE SECRET JUPITER....*		1	29	1-32	29	3.1	9,793	4.65	455	11	28	+109	-.04	+1	+4
12-04-57 529242 1342861 5-71					14		9,382	4.83	453						
537771 OENNY OALE LORENS 8UILDER.....*	93-05	13	9	3-86,91,	43	2.3	11,258	4.53	510	14	57	-32	+.02	0	-1
07-05-57 467224 1652239 5-71				93	20		11,503	4.49	517						
537773 HERMITAGE VIEW S ROYAL.....*		5	5	2-58,61	15	2.1	8,552	4.40	376	0	38	-321	+.04	-11	-17
07-18-57 411316 1158918 5-71					12		9,365	4.31	404						
537829 QUAIL ROOST KATER TOILER.....*		5	24	4-23,52,	54	2.4	8,446	4.91	415	24	44	-480	+.05	-18	-27
11-04-57 492543 1175440 5-71				55,56	102		9,518	4.83	460						
537872 PLAINFIELD LE LYLE.....*		3	15	2-34,74	19	1.7	8,191	4.49	368	6	27	-110	+.01	-4	-6
07-28-57 521053 988708 5-71					9		8,498	4.48	381						
537932 HIGH MEADOWS ATLAS.....*	23-02	42	4	1-23	101	2.3	8,920	4.62	412	23	82	-207	-.05	-14	-17
12-30-57 518779 798564 5-71					10		9,123	4.69	428						
537952 PETE C H OF ROSE HILL.....*		1	17	1-32	17	3.7	7,993	5.14	411	20	27	-26	+.01	0	-1
10-01-57 512281 1161219 5-71					4		7,922	5.12	406						
537977 CLEARLAND 8UTTERFAT DANCER....*		6	12	4-23,32,	28	3.8	10,747	5.01	538	12	44	+221	+.07	+17	+20
01-01-58 493764 1711725 5-71				48,84	18		10,313	4.90	505						
537987 COL8YS E R MAGAR.....*		6	13	2-31,32	37	2.6	10,118	4.91	497	9	47	+339	+.07	+23	+28
10-11-57 455722 1666248 5-71					12		9,378	4.79	449						
538021 WILLOW SPRING 8FT SUPREME.....*	21-10	76	6	12-12,13,	176	1.7	10,287	4.70	484	16	86	+363	+.04	+21	+27
04-07-56 475595 1339128 5-71				16,21,32	14		9,890	4.66	461						
538095 SPAR HILL JOLLY DUKE.....*		1	34	1-23	34	3.3	11,194	4.55	509	42	28	+176	-.05	+3	+7
09-29-57 524993 1303191 5-71					21		10,676	4.73	505						
538097 CASTLE 8ROOK FORTUNE GOVERNER.*		11	2	4-16,22,	14	3.1	8,829	4.49	396	10	48	-102	-.07	-11	-12
11-15-57 510634 932255 5-71				23,52	19		8,978	4.67	419						
538103 CONOVERS MAXIM HELIOS.....*		3	48	3-22,23,	54	2.9	9,428	4.95	467	10	32	+39	+.03	+5	+5
03-24-58 527889 1572801 5-71				58	75		9,271	4.86	451						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... HM/DAU	REC/DAU	HEROMATE MILK	%	FAT	%	1ST LACT INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
538119 BROOKDELL KING HERDD.....*	21-01	79	5	7-13,16,	147	2.8	9,590	4.89	469	16	87		-85	+.15	+10	+6
10-21-57 425345 1426225 5-71				21,23,63	22		9,695	4.72	458							
538121 MCDONALD FARMS JOLLY AUTOCRAT.*	35-05	9	8	2-35,41	23	3.3	8,748	4.54	397	19	45		-295	-.01	-15	-20
11-25-57 439587 1072560 5-71					15		9,383	4.60	432							
538136 MARFREO PRINCE VALOR.....*		1	12	1-56	12	3.8	8,629	4.48	387	0	25		+11	-.01	0	0
02-23-58 492769 1404530 5-71					16		8,470	4.51	382							
538153 PENSTATE ALIDAS INDIGO.....*	23-02	22	3	1-23	39	2.5	8,398	4.95	416	28	66		-490	+.14	-10	-21
02-19-58 524427 1472604 5-71					11		9,090	4.74	431							
538210 NORTHERN S TWENTY GRAND.....*		2	24	2-15,63	26	2.6	9,619	4.72	454	5	29		+9	-.01	-1	-1
03-26-58 522126 1561271 5-71					29		9,582	4.81	461							
538279 GOLDEN HARVEST H HOLLISTER....*		1	17	1-21	17	2.7	8,932	5.28	472	25	26		-113	+.09	+3	0
12-28-57 509247 1469826 5-71					14		9,349	4.95	463							
538344 OTTER MEADOW BOBBY.....*		2	27	1-13	29	2.9	9,740	4.71	459	**	29		-82	+.01	-3	-5
11-17-57 357749 1479148 5-71					25		10,070	4.71	474							
538345 OINSMORE SUPERB.....*		5	106	1-58	160	2.1	7,887	4.17	329	**	38		+147	-.07	0	+4
10-13-57 518090 1385255 5-71					148		7,262	4.35	316							
538347 HOLLIKNOLL FORTUNE CHIEF.....*		3	19	2-52,57	36	2.4	11,082	4.71	522	15	40		+338	-.02	+14	+20
02-15-58 510634 928759 5-71					31		10,292	4.76	490							
538368 MEADOW WOOD HOPES MAJESTIC....*		4	11	2-21,23	16	2.4	8,608	4.77	411	18	31		-96	+.02	-3	-5
04-12-57 454296 1447682 5-71					22		8,849	4.78	423							
538422 FAIRLAWN HORNETS GALLANT.....*	11-01	56	4	4-11,12,	127	2.4	9,063	4.79	434	20	85		-309	+.06	-9	-15
11-06-57 362352 1211583 5-71				32,56	11		9,404	4.73	445							
538424 FAIRLAWN HOLLISTARS EMORY.....*		2	15	2-16,21	28	3.7	9,933	4.63	460	12	41		-21	+.02	+1	0
12-21-57 518431 1533876 5-71					16		10,026	4.57	458							
538428 CHEOCO M SHEIK.....*		2	24	1-14	43	3.4	9,004	4.86	438	8	41		+78	+.07	+10	+10
12-12-57 501368 857349 5-71					23		8,722	4.70	410							
538448 WOODACRES M J ACTOR.....*		4	65	2-56,58	76	3.0	8,243	4.39	362	7	34		-88	-.02	-6	-7
06-17-57 410324 1413825 5-71					42		8,380	4.46	374							
538457 LAGREEN GLEN HIGH.....*		2	14	1-72	27	3.3	9,625	4.47	430	6	41		+86	-.03	+1	+3
12-10-57 427978 1660740 5-71					93		9,390	4.53	425							
538459 GRAYSMARSH MONSTER.....		1	24	1-91	24	2.5	9,774	4.86	475	**	27		+119	+.02	+7	+9
09-05-57 506916 1427158 5-71					20		9,304	4.83	449							
538507 MAURANA MASTERS EXPLORER.....*		2	13	1-32	18	2.2	10,115	4.61	466	21	30		+222	-.01	+9	+13
02-03-58 385582 1129166 5-71					18		9,341	4.67	436							
538532 APPLEBROOK PEERS PERFORMER....*		2	40	1-23	42	3.1	8,985	5.26	473	18	30		-372	+.10	-8	-16
07-26-57 467122 1557288 5-71					24		10,281	4.94	508							
538650 CASTLE BROOK FORTUNES DUKE....*		2	9	1-23	11	2.4	9,065	4.46	404	0	25		-4	-.07	-7	-6
03-17-58 510634 822827 5-71					33		9,025	4.82	435							
538681 IDEALS TROJAN.....*		7	5	5-21,22,	14	2.4	10,427	5.04	525	0	36		-89	+.04	0	-2
11-16-56 250879 937019 5-71				23,52,58	91		10,794	4.98	538							
538700 MAGNOLIA MASTER DAN.....		1	20	1-65	20	3.3	8,318	4.32	359	21	27		-51	-.01	-3	-4
03-16-58 385582 1547801 5-71					12		8,389	4.34	364							
538782 TIDELAND JASONS HERALD.....*		4	19	1-35	24	4.5	9,853	5.24	516	0	35		+243	+.11	+22	+25
02-23-58 525910 1466434 5-71					13		9,096	4.99	454							
538794 BROWNIES FARMS ORSON.....*		1	19	1-91	19	2.8	11,377	4.60	523	**	26		+106	-.05	0	+3
03-23-58 526876 853585 5-71					32		11,121	4.83	537							
538839 DELKERS BLAKEFORD.....*		3	6	1-31	13	2.9	9,072	4.65	422	0	34		-223	-.03	-13	-17
09-05-57 453207 1183119 5-71					4		9,737	4.78	465							
538850 BEN VENUE MIRIAMS SUPERIOR....*		5	18	3-23,52,	32	2.6	9,681	4.52	438	11	38		+64	-.03	0	+2
03-29-58 448080 1359139 5-71				72	40		9,499	4.60	437							
538859 GAYOSO VIEW FAMES HAROWICK....*		1	11	1-65	11	1.3	10,840	4.56	494	**	20		+286	+.01	+14	+19
01-29-57 512974 963266 5-71					16		9,346	4.47	418							
538860 GAYOSO VIEW FAMES HASSAN.....*		1	36	1-65	36	3.0	8,824	4.44	392	**	29		-48	.00	-2	-3
03-08-57 512974 1334605 5-71					20		8,919	4.46	398							
538861 GAYOSO VIEW FAMES FAVORITE....*		2	7	2-63,65	12	1.4	8,548	4.49	384	0	27		-170	+.01	-7	-10
09-12-57 512974 1348685 5-71					15		9,125	4.49	410							
538863 CRESTWOOD MASHER.....*		6	7	3-35,41,	16	3.4	9,968	4.72	470	**	39		+151	-.03	+4	+7
12-18-57 517801 1410056 5-71				42	12		9,576	4.82	462							
538912 CHEOAS ROYAL DUKE.....		1	21	1-93	21	1.1	10,302	4.85	500	**	21		-258	+.03	-9	-14
01-27-58 520311 1533859 5-71					24		11,732	4.76	559							
538992 MAPLE LEAF LEADER.....*		3	9	1-41	13	2.4	8,278	4.80	397	0	27		-143	+.02	-5	-8
09-23-57 498562 932936 5-71					11		8,721	4.76	415							
539016 IDEALS POLLYS ADMIRAL.....*		1	19	1-23	19	3.5	7,878	4.86	383	**	27		-202	+.05	-5	-9
01-18-56 452274 1329065 5-71					16		8,515	4.72	402							
539037 SENRAB COUNT LUCIUS.....		3	15	1-41	42	2.7	9,727	4.39	427	29	47		+82	-.11	-7	-4
09-17-57 498659 1579330 5-71					7		9,543	4.64	443							
539042 BLUFF VIEW SAVITAR.....*	65-02	6	3	2-65,72	13	3.2	7,971	4.69	374	0	41		-91	+.08	+3	0
03-30-58 515675 891712 5-71					15		8,038	4.47	359							
539089 POND ACRE FARMS FADOOM.....		2	35	1-63	44	2.7	7,172	4.74	340	7	33		-135	.00	-6	-8
10-14-56 503512 1195207 5-71					13		7,358	4.76	350							
539095 SPRING RIDGE VERITYS MATADOR..*		1	32	1-33	32	3.0	9,234	4.87	450	27	28		-102	+.03	-2	-4
03-10-58 474583 1281517 5-71					13		9,598	4.83	464							
539108 CURLES JANIES JACK.....*		1	22	1-52	22	3.4	7,003	4.76	333	0	28		-178	+.01	-7	-10
12-05-57 517082 884851 5-71					56		7,421	4.74	352							
539114 GROVE FARM STEADFAST ODIN.....*		6	3	4-23,31,	12	4.0	9,679	4.62	447	10	41		-148	-.01	-8	-10
10-31-57 452454 1322061 5-71				58,84	17		10,090	4.67	471							
539136 NORGERTS ROYAL BETTINO.....*		2	21	2-33,42	25	2.8	9,123	4.44	405	5	31		-33	-.06	-7	-7
02-12-58 473218 1269676 5-71					14		9,188	4.67	429							
539144 WESTERN GLOW MASTER BUTTERFAT.*		3	20	1-84	44	3.0	9,286	4.48	416	19	45		-170	-.10	-17	-19
04-02-58 522682 1419256 5-71					16		9,674	4.73	458							
539171 LAWGUERN BUTTERFAT STEADFAST..*		1	13	1-41	13	4.0	7,837	4.73	371	9	26		-38	+.02	0	-1
10-15-57 527413 1712183 1-71					7		7,803	4.64	362							
539195 PRINCE HERM OF ADOBE ACRES....*		2	49	2-23,85	51	3.2	10,077	4.54	457	3	31		+27	-.01	0	+1
10-15-57 467224 1735280 5-71					13		10,029	4.56	457							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
539221 PRESTDALE 80N VIGILENT.....*		12	13	4-47,48,	38	1.9	9,356	4.84	453	25	47		-2	+.02	+2	+2
02-07-58 496783 1655529 5-71				71,73	13		9,333	4.82	450							
539331 FULLER FARMS SUPREME ROSCOE...*		3	15	1-33	19	2.8	9,502	5.14	488	0	30		-123	+.14	+8	+3
11-17-57 515763 1615020 5-71					18		9,955	4.66	464							
539332 FULLER FARMS PEERLESS MASTER..*		2	18	1-32	20	3.1	9,641	4.93	475	0	29		+38	+.06	+8	+8
12-01-57 466419 1203593 5-71					10		9,496	4.73	449							
539358 HICKORY GROVE ZELMAS R ROAMER.*		4	5	1-35	10	1.8	10,304	5.04	519	**	28		+274	+.12	+25	+28
03-11-58 428868 1339712 1-71					19		9,271	4.57	424							
539393 NORMANDY AM8ITION.....*		2	25	1-72	27	1.1	9,017	4.44	400	**	23		-130	+.02	-4	-7
06-17-57 511379 1575407 5-71					62		9,575	4.39	420							
539404 STONERDALE PRINCE.....		1	30	1-23	30	3.3	8,895	4.59	408	0	29		-53	.00	-2	-3
01-19-56 502543 1258585 5-71					7		9,018	4.60	415							
539421 WHEELER FARMS N H H CHAMP.....*		1	16	1-21	16	2.3	9,880	4.35	430	38	24		+78	-.07	-3	0
03-27-58 507939 1275012 5-71					5		9,542	4.70	448							
539431 EDISTO FARMS M JUDGE.....*		7	25	1-56	39	2.3	8,360	4.46	373	7	35		-6	-.03	-3	-3
02-08-58 475070 1309177 5-71					21		8,240	4.56	376							
539432 EDISTO FARMS M SPARKLES.....*		4	9	2-55,57	17	3.8	8,957	4.54	407	0	38		-129	+.01	-5	-7
03-08-58 475070 1404588 5-71					41		9,267	4.52	419							
539441 COL8YS GLADIATOR.....*		6	7	2-23,34	28	2.4	9,024	5.04	455	30	50		-438	+.12	-9	-19
11-12-57 440484 1237543 5-71					22		9,933	4.82	479							
539442 COL8YS 8RANDYWINE MAGAR.....*		2	34	1-23	36	3.4	10,788	4.94	533	0	31		+392	+.03	+21	+28
11-28-57 493542 1581053 5-71					20		9,494	4.91	466							
539455 LISETER 8RILLIANT FLASH.....*		5	22	2-23,51	31	2.1	9,329	4.53	423	**	33		+15	-.02	-1	0
11-15-57 499468 1544105 5-71					21		9,246	4.62	427							
539469 MCDONALD FARMS MISTER 8RUCE...*		6	13	2-23,35	33	2.0	9,316	4.53	422	16	43		-167	-.02	-10	-13
02-05-58 488786 1355449 5-71					10		9,719	4.61	448							
539472 MCDONALD FARMS GCLDEN 8YRNE...*		12	50	2-21,23	82	2.5	8,255	4.99	412	25	40		-269	+.02	-11	-16
03-23-58 522990 1758283 5-71					17		8,861	4.98	441							
539501 8ELMONT VIEW REMUS.....*		7	4	2-55,64	14	2.7	9,069	4.41	400	38	39		-92	-.04	-8	-9
02-25-58 516907 1379677 5-71					16		9,276	4.55	422							
539544 DINSMORE LEVITY KING.....*		5	60	1-58	93	2.1	6,840	4.53	310	**	38		-302	+.06	-8	-14
01-21-58 527223 1273695 5-71					151		7,423	4.31	320							
539710 HOMEWARD SUPREME JEWEL.....*		3	19	2-33,34	37	1.9	9,326	4.99	465	13	38		-159	+.05	-3	-7
10-26-57 475595 1296136 5-71					11		9,755	4.90	478							
539714 KEREST PREDICTORS DAVEY.....*		12	18	2-21,23	95	2.6	9,088	4.68	425	20	64		-58	-.03	-6	-6
11-30-57 503099 1601915 5-71					19		9,129	4.75	434							
539730 JOHN PLAIN VIKINGS TIM.....*		5	41	3-33,72,	50	2.4	11,136	4.21	469	**	33		+59	-.05	-2	0
01-01-58 518025 1548189 5-71				85	440		11,103	4.34	482							
539753 GRANDVU HAPPY SHEIK.....*		1	11	1-35	11	3.3	8,355	4.49	375	27	22		-86	-.02	-6	-7
12-01-57 505779 1342471 5-71					19		8,652	4.62	400							
539858 MER DONS ROYAL VICTOR.....*		3	9	2-31,58	15	2.6	8,074	5.09	411	**	32		-466	+.07	-15	-25
02-05-57 507350 1608058 5-71					50		9,522	4.84	461							
539902 MONTEREY L KING.....*	41-25	15	11	7-33,41,	49	2.3	10,255	4.55	467	11	57		+69	-.15	-11	-7
02-20-58 496522 1097100 5-71				42,43,51	17		10,188	4.83	492							
539923 CRONINS HOLLIREX.....*		1	11	1-54	11	3.3	9,758	4.40	429	10	24		+28	-.04	-3	-2
01-03-58 473982 1554235 5-71					20		9,638	4.65	448							
539962 HIGHFIELD ROSE KING.....*		2	6	1-16	12	1.9	10,214	4.53	463	40	29		-193	-.07	-16	-18
04-08-58 512947 1050876 5-71					22		11,019	4.81	530							
539980 ALPINE ROSE SECRET NO8LE 80Y..*		9	7	1-31	29	2.0	8,684	5.01	435	9	48		-436	+.18	-4	-15
11-14-57 529242 1608057 5-71					8		9,590	4.65	446							
540033 MCDONALD FARMS JOLLY 8RILLIANT*		18	8	8-15,21,	49	2.5	10,274	5.01	515	21	61		-207	+.09	-1	-6
02-18-58 439587 1288237 5-71				23,35,51	29		10,728	4.90	526							
540077 GRAYCE FARMS CHIEF.....*		13	6	6-21,22,	33	2.1	9,393	4.77	448	22	55		-145	+.07	0	-4
04-27-58 425345 1096852 5-71				23,31,57	31		9,660	4.67	451							
540113 ROSE8UD FARM MC LCYALIST.....*		1	25	1-42	25	3.5	7,586	5.08	385	0	29		-71	+.01	-2	-4
01-04-58 493169 1567242 5-71					11		7,638	5.12	391							
540160 ROETTA ROSE MASTERS 8UD.....*	35-02	43	6	3-35,91,	107	2.3	10,544	4.81	507	23	80		-31	+.04	+2	+1
10-01-57 440558 1768707 5-71				92	15		10,689	4.78	511							
540182 OAK GROVE SENOR.....		1	11	1-41	11	2.7	9,396	4.86	457	**	23		-15	.00	-1	-1
02-17-58 522784 1075012 5-71					6		9,447	4.95	468							
540197 IDEALS TRION.....*		25	80	12-15,22,	133	2.3	9,865	4.89	482	19	41		-255	-.02	-14	-18
05-06-57 448080 1452221 5-71				23,31,58	89		10,592	4.97	526							
540198 IDEALS FRANK.....*		25	71	11-22,23,	155	2.8	9,940	4.92	489	9	48		-279	-.03	-16	-21
07-27-57 448080 1476683 5-71				32,52,55	91		10,619	5.02	533							
540203 FAIRLAWN PAMELAS WARRIOR.....*	72-01	31	29	5-31,65,	206	1.9	9,757	4.42	431	7	71		+143	-.01	+6	+9
02-03-58 473833 1408562 1-71				72,73,74	44		9,547	4.40	420							
540259 RUSHCREEK SUPREMES LAD.....*	23-13	98	5	16-31,32,	207	1.5	10,160	4.68	475	13	88		+282	-.04	+9	+15
03-06-58 475595 806273 1-71				34,51,54	23		9,864	4.73	467							
540322 IDEALS NARRATOR.....*	33-03	73	2	23-23,31,	103	2.7	9,008	4.67	421	21	86		-307	-.01	-15	-20
05-23-57 448080 1606855 5-71				33,35,43	13		9,339	4.70	439							
540375 WILSONA GOLDEN 80Y.....*		9	6	2-91,92	26	2.2	9,946	4.71	468	6	49		-87	+.03	-1	-3
03-20-58 468063 1523250 5-71					29		10,181	4.67	475							
540377 WILSONA DISTINCT 8ELMONT.....*		3	5	1-92	11	2.8	9,327	4.65	434	25	32		-200	+.02	-7	-11
05-11-58 461270 1372614 5-71					29		9,996	4.61	461							
540404 HOLLIKNOLL GOVERNOR.....*		1	18	1-52	18	3.0	9,026	4.61	416	11	27		+127	-.04	+2	+5
12-02-57 495412 1167018 5-71					37		8,438	4.78	403							
540427 HOUSLEYS T TRIUMPH.....*		1	12	1-63	12	2.3	6,924	4.75	329	**	23		-87	+.01	-3	-5
12-27-57 494140 1203195 5-71					5		7,053	4.75	335							
540459 BROAD HILL ROYAL PIERRE.....*		8	2	3-16,23,	11	2.6	9,924	4.86	482	**	39		-48	+.03	+1	0
12-27-57 527598 1409529 5-71				52	20		10,094	4.79	483							
540476 FRANCHESTER MODELS JASON.....*		2	10	1-31	13	3.3	9,628	4.91	473	18	28		-146	+.09	+2	-2
10-03-57 506459 1323842 5-71					9		10,205	4.58	467							
540502 DEEP LAKE FLASH KING.....*		6	5	4-56,58,	15	2.1	8,747	4.54	397	10	38		-252	+.02	-10	-15
05-19-58 475548 1253180 5-71				72,73	43		9,395	4.52	425							

REGISTRATION NUMBER / NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	% REPT	PREDICTED DIFFERENCES MILK	%	FAT	$$
540505 GILDERDALE WESTERN WAR CLOUD..		2	27	1-21	32	1.9	10,188	4.46	454	32	29	+34	-.07	-5	-3
06-03-57 394072 1726066 5-71					14		10,121	4.70	476						
540510 ROUGILLA 8ILL 8ALDY.....		5	13	1-11	37	1.3	8,293	4.37	362	58	42	-39	-.05	-7	-7
07-08-57 514061 1874748 5-71					11		8,250	4.52	373						
540546 FAIRLAWN 8LANCHES SAILOR.....*		3	18	1-11	26	2.5	9,966	4.87	485	27	33	+153	+.04	+11	+13
03-23-58 322785 771909 5-71					11		9,486	4.76	452						
540559 CONORA HERMES.....*		1	14	1-31	14	2.8	10,233	4.73	484	11	24	+24	.00	+1	+1
05-18-58 415425 1458490 5-71					11		10,188	4.75	484						
540627 GUERNSEY LAND FAITHFULLS JANUS*	31-01	54	12	8-31,33,	132	2.4	9,329	4.58	427	22	76	-391	-.08	-26	-32
08-15-57 523717 1514633 5-71				52,55,63	28		9,866	4.70	464						
540638 8REN 8ERN DUKE.....*		6	6	4-16,23,	14	2.7	11,525	5.33	614	0	35	-7	+.21	+20	+16
03-22-58 454480 1494693 5-71				31,47	20		11,760	4.85	570						
540668 HOMINY HILL PRIVATE.....*		3	36	2-73,85	43	2.3	8,344	4.17	348	7	31	+22	-.07	-6	-4
04-27-58 422711 1505183 5-71					83		8,123	4.47	363						
540669 HOMINY HILL TRANSPIRE.....*		25	14	10-22,23,	55	1.5	8,686	4.71	409	36	52	-581	+.05	-22	-33
05-29-58 453207 1011145 5-71				31,35,56	26		9,837	4.62	454						
540670 HOMINY HILL 8ELTANE.....*	35-05	18	2	3-35,41,	27	3.0	8,595	4.96	426	10	63	-613	+.18	-12	-26
05-31-58 520879 1682136 5-71				42	14		9,572	4.67	447						
540671 HOMINY HILL WEATHERLY.....*		2	25	1-54	45	2.8	9,753	4.61	450	24	40	-1	-.05	-5	-4
06-14-58 422711 1151064 5-71					10		9,773	4.78	467						
540705 DEEP LAKE 8UTTERFAT CHERU8....*		8	7	4-31,32,	24	1.8	8,867	4.89	434	29	44	-410	.00	-19	-26
11-02-57 431323 1522505 5-71				33,48	22		9,826	4.93	484						
540717 PENN DEL RELIA8LE PATRICK.....*		1	38	1-23	38	3.5	8,000	4.75	380	0	31	-72	+.01	-2	-4
03-17-58 511672 1475233 5-71					26		8,082	4.74	383						
540725 SHAMROCK LONDON MONARCH.....*		4	3	1-87	10	1.9	8,461	4.44	376	25	31	-139	-.04	-10	-12
02-04-58 453207 1074535 5-71					13		8,837	4.61	407						
540802 CONOVERS MAXIM HORNET.....*		2	34	2-22,51	36	3.3	9,709	4.89	475	6	31	+90	+.02	+6	+7
07-25-58 527889 1004012 5-71					72		9,395	4.87	458						
540821 STE88INS KINGS ROSE 8RIER.....*		3	7	1-58	12	2.5	6,761	4.29	290	**	30	-197	.00	-9	-13
02-03-58 510799 1514519 5-71					17		7,171	4.32	310						
540889 POND ACRE FARMS SYLVAN.....*		1	10	1-21	10	3.7	9,032	4.36	394	0	24	-168	-.03	-11	-13
02-10-58 514843 1195207 5-71					14		9,742	4.55	443						
540901 GAYOSO VIEWS F VALOR.....*		1	13	1-65	13	2.7	10,263	4.41	453	0	25	+145	-.02	+5	+8
04-17-58 512974 1235112 5-71					27		9,675	4.47	432						
540953 LAKE LOUISE KINGS PIONEER.....*	56-02	7	3	2-55,56	18	3.1	7,820	4.32	338	9	49	-292	-.04	-17	-22
02-27-58 428861 1273430 5-71					35		8,277	4.43	367						
540975 FER MANOR NILES.....*		2	7	1-91	13	2.3	8,874	4.77	423	14	32	-182	+.02	-7	-11
04-24-57 423418 759648 5-71					30		9,437	4.75	448						
541001 ELMWOOD FAME.....*		2	21	1-42	25	3.4	10,512	4.89	514	12	31	-84	+.03	-1	-3
04-12-58 528764 1511874 5-71					8		10,910	4.85	529						
541003 ELMWOOD VANESSAS SUPERIOR.....*		2	42	1-33	44	3.6	9,469	4.65	440	8	32	+51	-.02	0	+1
05-13-58 428643 1632424 5-71					12		9,273	4.77	442						
541005 ELMWOOD GAIL.....*		3	28	2-41,46	32	2.7	7,279	5.06	368	17	31	-399	+.10	-9	-18
05-26-58 428643 1130818 5-71					11		8,471	4.67	396						
541006 ELMWOOD DON.....*		2	26	1-41	33	2.9	8,777	4.50	395	25	32	-128	-.01	-7	-9
05-28-58 428643 925801 5-71					9		9,129	4.57	417						
541009 MULHOCAWAY 8UTTERFAT KING HAL.*	35-05	307	10	30-33,35,	1,305	1.8	10,116	4.80	486	15	97	-72	+.12	+8	+5
05-12-58 493764 1217600 5-71				41,42,48	17		10,253	4.69	481						
541017 DEERSHORN K NERO.....		2	10	2-11,14	12	1.7	10,471	4.35	456	14	23	+295	-.07	+7	+13
05-23-58 515261 1606255 5-71					2		9,144	4.63	423						
541049 GROTON HOUSE CAESARS JO.....*		7	8	5-13,14,	26	2.2	9,576	4.44	425	21	45	-175	-.18	-25	-25
03-28-58 484916 1145121 5-71				21,23,65	20		10,008	4.86	486						
541052 GOLDEN HARVEST KINGS VALOROUS.*		6	36	2-23,51	45	3.1	10,781	4.59	495	11	34	+201	-.03	+6	+10
05-06-58 407921 1054602 5-71					30		10,255	4.69	481						
541091 MAPLE DAWN WINDSORS FORCE.....*	34-01	35	9	3-32,34,	113	2.1	10,507	4.64	488	10	77	+287	-.07	+6	+12
03-12-58 523127 1699957 5-71				72	18		10,187	4.75	484						
541094 LANGWATER MOHAWK.....*		2	20	2-33,35	22	2.9	9,176	4.14	380	0	29	+27	-.08	-6	-4
12-15-57 424926 1659659 5-71					18		9,022	4.43	400						
541111 HAL C OF ROSE HILL.....*		3	6	2-32,35	14	3.4	10,876	4.47	486	18	36	+139	-.06	+1	+4
11-29-57 512281 1529439 5-71					10		10,584	4.59	486						
541131 DEEP LAKE F VALOR.....*		3	6	2-16,21	16	3.2	9,146	5.35	489	0	39	-334	+.19	+2	-7
11-15-57 475548 1665994 5-71					20		10,056	4.84	487						
541140 MAPLE LEAF ROYAL LAD.....*	41-25	35	9	6-35,41,	98	1.8	9,000	4.89	440	25	73	-689	+.10	-23	-37
01-11-58 458927 1513245 5-71				42,43,47	15		9,979	4.76	475						
541142 MAPLE LEAF ACE.....		4	18	1-41	35	3.1	10,232	4.56	467	9	42	-127	-.01	-7	-9
05-18-58 458927 1482881 5-71					8		10,642	4.61	491						
541195 PRE EMINENT JOLLY DARNLEY.....*		1	26	1-33	26	2.5	9,266	4.83	448	26	26	-107	-.01	-6	-8
02-19-58 518027 1516755 5-71					7		9,679	4.92	476						
541271 IDEALS W S TETON.....*		2	35	1-23	66	3.5	9,418	4.83	455	0	44	-117	-.01	-6	-8
04-23-58 532698 1518237 5-71					29		9,690	4.89	474						
541274 CLA ORE KNIGHTS FULTON.....*		2	25	2-86,92	27	2.3	9,969	4.80	479	11	28	-51	+.07	+4	+2
03-16-58 413580 1474140 5-71					25		10,211	4.55	465						
541284 SILVER MT LIGHTNING.....*		2	21	1-21	23	4.3	9,148	4.71	431	10	30	-124	-.01	-7	-9
01-11-58 475548 1224493 5-71					29		9,552	4.82	460						
541381 LOUD FARM Q OSCAR.....*		3	5	2-23,51	12	2.0	9,268	4.79	444	0	33	-60	+.04	+1	-1
01-05-58 415353 1140848 5-71					17		9,437	4.66	440						
541414 ELMWOOD DAIRYMAN TRIUMPH.....*		3	15	1-35	29	2.8	8,618	5.38	464	21	40	-201	+.11	+1	-4
05-25-58 526820 1639680 5-71					18		9,067	5.12	464						
541448 LOCKSHORE WENDYS EMORY.....*		7	5	2-34,42	18	2.6	10,495	4.60	483	24	45	+36	-.12	-10	-7
05-19-58 460803 1192714 5-71					42		10,502	4.90	515						
541530 NORTHERN M RANGER.....*		2	37	1-22	41	3.0	8,218	4.67	384	6	32	-294	+.06	-8	-14
05-11-58 464488 1435481 5-71					59		9,098	4.50	409						
541546 PENN 8RANCH 8ECKYS ACTOR.....*		1	13	1-56	13	3.0	8,500	4.65	395	0	25	-55	+.01	-2	-3
06-19-57 509070 1379687 5-71					46		8,629	4.69	405						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT	PREDICTED DIFFERENCES MILK	%	FAT	$$
541609 HILL GIRT R L BLAZE.....*		2	13	1-23	15	2.0	8,573	4.60	394	23	25	-243	+.01	-10	-15
08-03-58 502634 1318830 5-71					20		9,546	4.58	437						
541672 HOLLIKNOLL ELECT.....*		14	11	7-23,35,	48	2.3	10,036	4.71	473	13	57	+18	.00	+1	+1
04-12-58 496783 1307224 5-71				51,52,63	45		10,045	4.71	473						
541736 ROCK HAVEN PROMISE.....*		3	4	2-87,91	11	1.8	7,973	4.82	384	0	30	-12	+.03	+2	+1
08-09-57 498147 935943 5-71					16		7,835	4.74	371						
541784 SUNGOLD F P GALLANT.....*		1	25	1-21	25	3.1	10,050	4.13	415	4	28	+106	-.07	-2	+1
08-05-58 298216 1324595 5-71					16		9,679	4.36	422						
541846 EAST MALTAS KELVIN.....*		4	12	1-23	28	2.6	7,929	4.86	385	20	42	-287	+.02	-11	-17
11-23-57 508048 1593060 5-71					20		8,507	4.83	411						
541849 TURMANS N B FRANK.....*		5	10	2-65,74	20	3.8	8,691	4.66	405	**	39	0	+.01	+1	+1
09-29-57 484594 1124352 5-71					86		8,588	4.63	398						
541865 MULHOCAWAY BUTTERFAT HUGH.....*		3	7	1-51	10	2.8	8,436	4.88	412	0	28	-84	+.01	-3	-5
01-10-58 415353 1622352 1-71					39		8,640	4.91	424						
541896 BUTTERFAT G NOBLE OF C H.....*		1	20	1-51	20	4.0	8,373	5.08	425	17	28	-34	+.05	+3	+2
04-29-56 461016 1123342 5-71					8		8,374	4.91	411						
541972 LEGEND VALLEY TRANSFER.....*		1	10	1-31	10	2.7	8,728	4.48	391	**	22	-106	+.02	-3	-5
09-15-57 453207 1749564 5-71					11		9,181	4.44	408						
541987 HARVEST GOLD BRENDAS BARBIE...*		5	9	1-82	22	2.7	11,099	4.30	477	0	40	+218	-.06	+4	+9
01-07-58 511584 1443529 5-71					6		10,658	4.39	468						
542065 MENDALE KINGS TROUPER.....*		2	17	2-31,34	19	2.5	8,914	5.17	461	16	27	-294	+.05	-9	-15
09-21-57 407019 1382464 5-71					19		10,060	5.02	505						
542113 HASKELL FARMS PETER PAN.....*		1	13	1-21	13	3.3	9,070	4.66	423	0	26	-181	-.02	-10	-13
03-14-58 522258 1294809 1-71					22		9,780	4.76	466						
542129 VALLEY FARM I DYNAMO.....*		1	14	1-22	14	3.9	8,591	4.60	395	8	26	-76	-.05	-8	-9
04-30-58 362356 812708 5-71					41		8,801	4.84	426						
542202 KENNERSLEY MELMAX.....*		8	2	2-23,58	10	2.2	8,645	4.67	404	13	37	-53	+.03	0	-1
02-20-57 510148 1076167 5-71					31		8,697	4.62	402						
542205 ROSSMONT JOLLY MACS JAMES.....*		1	17	1-52	17	2.2	6,800	4.76	324	0	25	-149	.00	-7	-10
10-23-58 516563 1782237 5-71					34		7,143	4.83	345						
542269 WILLOW SPRING SUPREME VIC.....*	21-10	60	5	11-11,12,	149	2.0	9,959	4.67	465	22	85	+91	+.05	+9	+10
03-28-58 538021 932926 5-71				13,14,16	15		9,877	4.61	455						
542343 LANGMORE ACTORS PREMIER.....*	35-02	39	8	8-14,16,	101	2.5	9,814	4.87	478	28	77	-582	+.13	-15	-28
07-12-58 521386 1240692 5-71				21,35,57	17		10,673	4.72	504						
542374 NORMANDY MARSHAL.....*		1	31	1-33	31	3.6	9,118	4.79	437	19	29	-40	+.02	0	-1
03-08-58 527543 1504679 5-71					13		9,215	4.79	441						
542380 SEOOHRS MAX.....*		1	12	1-56	12	2.3	7,909	4.70	372	**	23	-183	+.02	-7	-11
11-27-56 488399 1320401 5-71					22		8,595	4.70	404						
542382 HERRVALES FORNEPE.....*		1	38	1-23	38	2.3	6,892	4.63	319	**	28	-80	.00	-4	-5
04-07-57 440675 928909 5-71					13		6,905	4.72	326						
542433 NIXONS M THOR.....*		5	16	2-33,48	23	2.9	9,743	4.69	457	12	33	-176	+.04	-4	-8
03-02-58 514113 1584773 5-71					12		10,345	4.58	474						
542475 OLLASSES CHAMPION COMET.....*		1	31	1-51	31	2.2	9,122	4.71	430	14	27	-234	-.04	-15	-19
07-23-58 422711 1147188 5-71					28		10,039	4.93	495						
542495 PARKER FARMS BABES ROMULUS....*		3	6	2-57,64	13	2.6	7,259	4.59	333	9	35	-213	-.01	-11	-15
11-24-55 507137 1465306 5-71					27		7,678	4.66	358						
542513 PARKER FARMS C REX.....*		2	7	1-57	10	2.5	8,766	4.71	413	13	27	+61	+.03	+6	+7
03-31-58 466446 1224335 5-71					15		8,415	4.58	385						
542518 MATOAKA TIMOTHY.....*		1	45	1-58	45	2.0	9,925	4.25	422	11	27	-43	.00	-2	-3
09-06-57 507000 1565076 5-71					62		10,137	4.27	433						
542519 MATOAKA LUCIUS CONRAD.....*		1	18	1-58	18	2.2	8,647	4.17	361	31	25	-48	-.04	-6	-6
02-20-58 467477 1028265 5-71					91		8,755	4.37	383						
542523 NORGERTS SUES QUEBEC QUANTITY.*		2	16	2-33,43	18	3.8	8,682	4.48	389	0	30	-89	-.05	-9	-10
07-24-58 521320 1063811 5-71					7		8,912	4.70	419						
542524 NORGERTS QUEBEC PALATINE.....*		3	65	1-35	69	2.6	9,935	4.85	482	17	31	+76	+.06	+9	+9
08-02-58 521320 1022397 5-71					12		9,693	4.66	452						
542530 CASTLE BROOK FORTUNES ACTOR...*	65-02	6	10	3-63,65,	22	2.1	10,373	4.41	457	6	38	+442	-.04	+16	+25
09-26-58 510634 1435471 5-71				72	17		9,169	4.50	413						
542532 GOLDWOOD NAVIGATORS NAOH.....*		5	3	3-23,31,	10	2.8	9,871	4.79	473	29	33	-9	+.04	+3	+2
09-01-58 454484 1164656 5-71				61	15		9,931	4.70	467						
542554 MERIT GAY MARSHALL.....*		5	4	4-16,21,	13	3.5	11,484	4.92	565	8	39	+110	+.06	+11	+12
06-10-58 522778 1657594 5-71				63,73	33		11,378	4.81	547						
542624 GOLDEN HARVEST H COUNSELOR....*		1	26	1-16	26	2.3	9,325	4.55	424	17	27	-162	+.01	-7	-10
04-06-58 509247 1469831 5-71					47		9,975	4.57	456						
542648 ANSMIL D DUKE.....*		8	2	4-23,31,	13	2.3	10,151	4.35	442	20	42	-249	-.15	-26	-28
03-09-58 507009 1470945 5-71				34,73	18		10,877	4.73	515						
542710 CHUKLUCK HIGH BOY.....*		7	7	2-91,92	19	2.5	10,274	4.71	484	54	39	-103	.00	-5	-7
11-22-57 519232 1161578 5-71					26		10,645	4.75	506						
542711 GOLDEN HILLS B TRANSFER.....*		7	2	4-31,32,	10	2.9	7,980	4.71	376	43	38	-338	+.01	-15	-21
03-04-58 453207 1049443 5-71				63,72	21		8,793	4.73	416						
542759 MULHOCAWAY BUTTERFAT DORIAN...*		3	124	2-57,58	128	1.8	11,777	4.14	488	23	29	+131	-.06	0	+3
02-06-58 493764 1677110 5-71					73		11,507	4.28	492						
542760 GERAR TOMMY.....*		7	8	2-23,51	22	3.4	9,793	5.08	497	6	43	-116	+.10	+4	0
07-27-57 510148 1541088 5-71					20		10,113	4.86	491						
542789 LANGWATER FORTUNATE.....*		1	31	1-33	31	2.8	9,250	4.63	428	5	29	+20	-.03	-2	-1
06-06-58 424926 1494095 5-71					11		9,129	4.79	437						
542791 LANGWATER SYMBOL.....*		4	23	3-51,56,	33	3.5	9,706	4.67	453	6	36	-207	+.05	-5	-10
03-31-58 424926 906140 5-71				63	22		10,351	4.57	473						
542792 LANGWATER BLAKEFORD.....*		5	5	2-31,51	11	2.2	8,057	4.70	379	**	31	-211	+.02	-8	-12
06-03-58 424926 959321 5-71					17		8,645	4.67	404						
542794 LANGWATER SOMERSET.....*		5	34	1-11	54	2.7	7,821	4.27	334	22	38	-261	-.11	-22	-25
09-04-58 532191 1487367 5-71					10		8,383	4.64	389						
542872 PLAINVIEWS ROYALMAN.....*		2	13	1-52	15	2.9	8,347	4.52	377	**	27	-440	.00	-20	-28
10-26-57 507611 1503161 5-71					25		9,994	4.53	453						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF OAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
542934 LAGREEN IDA TRANSFER.....*		1	13	1-72	13	3.4	7,940	4.61	366	**	26	-136	+.05	-2	-5
09-07-58 453207 1500386 5-71					9		8,347	4.46	372						
542953 WESTERN GLOW DUETS TRANSFER...*	93-05	10	2	4-35,82,	17	2.0	10,331	4.30	444	19	48	-289	-.06	-19	-23
10-05-58 453207 1283558 5-71				92,93	19		11,081	4.42	490						
542984 MESSIXS PATRICK DE LA PDLLY...*		4	6	1-51	11	3.6	9,488	4.61	437	9	32	-129	-.05	-11	-12
03-30-58 526929 992457 1-71					9		9,921	4.82	478						
542995 CHEDCO BUTTERFATS ACTDR.....*		3	35	2-14,16	60	2.7	8,601	4.91	422	15	40	-89	+.09	+4	+1
08-25-58 523823 1374109 5-71					21		8,735	4.67	408						
543013 WHITE PLAINS GENERAL.....*		1	12	1-23	12	4.9	7,988	4.46	356	0	27	-61	-.03	-6	-7
04-05-58 459489 1592033 9-70					12		8,063	4.64	374						
543062 DELPHI DELL GENERALS BEST.....*		3	10	2-87,91	23	2.4	8,778	5.23	459	17	39	-320	+.15	-1	-9
09-16-58 522338 1588519 5-71					29		9,591	4.87	467						
543091 MCDONALD FARMS JOLLY BERT.....*	65-02	48	4	10-31,55,	103	3.2	9,286	4.72	438	10	84	-367	+.08	-10	-18
06-09-58 439587 1035829 5-71				56,58,65	20		9,733	4.63	451						
543093 MCDONALD FARMS ROYAL BRANT....*		9	2	1-21	15	2.8	9,498	4.52	429	13	47	-165	-.05	-12	-14
07-08-58 470604 1657886 5-71					14		9,878	4.65	459						
543094 MCDONALD FARMS JOLLY BEAU.....*	91-11	11	3	3-33,34,	20	2.7	8,427	4.73	399	0	52	-227	+.05	-6	-11
07-31-58 439587 1538109 5-71				35	20		8,784	4.64	408						
543096 MCDONALD FARMS GOLDEN BART....*	35-05	7	13	5-14,32,	31	2.5	11,740	4.86	571	17	42	+20	.00	+1	+1
08-19-58 522990 1429477 5-71				35,41,42	13		11,922	4.87	581						
543134 EEREA TRANSFER DUKE.....*		1	12	1-61	12	2.4	7,372	5.02	370	40	23	-154	+.02	-5	-8
08-31-58 453207 1366198 5-71					17		7,872	4.95	390						
543143 SALS MAJESTYS KING.....*		2	11	1-23	16	2.4	9,202	4.74	436	23	30	-253	+.08	-4	-10
05-14-58 452075 911049 5-71					24		10,103	4.49	454						
543146 SPARJA FARMS LEADERS NERO.....*		1	21	1-31	21	1.7	9,605	3.98	382	**	25	+69	-.05	-2	0
04-13-58 493632 1577976 5-71					5		9,292	4.19	389						
543157 NORTHERN BONNETS HERMES.....*		5	18	2-16,51	30	2.6	9,360	4.86	455	7	37	+24	+.04	+5	+5
10-12-58 415425 1585977 5-71					21		9,258	4.76	441						
543158 NORTHERN HERMES.....*	35-05	95	4	6-15,32,	209	2.3	10,283	4.50	463	11	90	+610	-.18	+10	+24
10-14-58 415425 1344800 1-71				35,41,42	15		9,605	4.71	452						
543191 ROZELYN JAMES MAYKING.....*		1	11	1-91	11	2.0	9,581	4.67	447	10	21	-81	-.01	-5	-6
05-01-58 460378 1465910 5-71					13		10,007	4.78	478						
543210 LAKE LOUISE QUEENIES BLAZE....*		21	42	6-51,55,	158	2.3	9,444	4.72	446	9	60	-36	+.06	+4	+2
06-16-58 506918 1406706 5-71				56,57,58	52		9,492	4.62	439						
543212 LAKE LOUISE KINGS WHITTLER....*		9	7	3-56,57,	27	3.0	8,870	4.57	405	10	50	+9	-.03	-2	-1
06-26-58 428861 882329 5-71				64	48		8,765	4.65	408						
543213 GREEN FIELDS JUPITER.....*		1	18	1-55	18	3.7	9,737	4.78	465	19	27	-72	+.02	-1	-3
10-14-58 503295 1219723 5-71					16		10,044	4.75	477						
543215 NJES IDEAL SUPERIOR HARPIST...*	22-03	18	4	4-22,23,	47	2.5	8,974	5.08	456	19	68	-453	+.20	-3	-14
07-22-58 448080 1270598 5-71				51,52	49		9,641	4.81	464						
543264 CASTLE BROOK LEADERS ACTOR....*	35-05	30	2	4-16,23,	40	3.1	9,483	4.56	432	9	73	+8	-.12	-11	-9
11-14-58 383832 1070495 5-71				35,41	15		9,454	4.74	448						
543280 HAR MUR KNIGHTS ROCKET.....*		2	15	1-92	17	1.5	8,185	4.97	407	14	24	-221	+.01	-9	-13
05-14-58 413580 1386957 5-71					13		9,050	4.97	450						
543314 WINDY HILL PRINCE HARPSTER....*		4	19	1-23	36	2.6	9,853	4.85	478	9	40	+280	+.08	+21	+25
05-25-58 531957 1179394 5-71					33		9,106	4.66	424						
543327 OEWAN FARMS LYN VICEROY.....		12	33	4-16,21,	88	2.6	8,754	4.79	419	1	51	-3	.00	C	0
11-30-58 455056 1699069 5-71				22,23	14		8,666	4.81	417						
543347 COLBYS MASTER MONARCH.....*		6	5	2-32,72	14	2.0	9,319	5.37	500	15	36	-285	+.23	+8	-1
05-15-58 525463 1237544 5-71					19		10,173	4.72	480						
543349 HOLLAND OALE DICTATORS TOY....*		1	17	1-84	17	4.1	9,031	4.38	396	0	28	-30	-.02	-3	-3
09-11-58 421539 1509387 5-71					14		9,086	4.48	407						
543351 REN LO LE ROYALIST OANDY.....*		4	9	2-33,35	20	2.3	9,688	5.02	486	31	38	+260	+.08	+20	+23
09-05-58 487028 1721445 5-71					11		8,930	4.84	432						
543352 LOOKOUT VALLEY M FAIRFIELO....*		5	26	1-33	44	3.1	9,070	4.81	436	9	40	-72	+.01	-2	-4
10-01-58 431720 1082465 5-71					12		9,212	4.82	444						
543384 HANOVER HILL TOMAHAWK.....*		1	11	1-51	11	3.6	6,757	4.57	309	18	24	-302	+.01	-13	-19
09-17-58 512257 1412595 5-71					9		7,827	4.55	356						
543406 LAUREL CLIFF ALVIN.....*		2	34	1-52	36	3.3	9,456	4.66	441	3	31	+283	-.02	+11	+16
08-27-58 529773 1660169 5-71					7		8,416	4.75	400						
543411 HOMINY HILL HONOR.....*		10	7	2-23,51	26	2.4	10,452	4.46	466	9	47	+139	-.11	-4	0
08-10-58 422711 1456280 5-71					20		10,214	4.70	480						
543417 MAR MULLOALE OSCAR.....*		1	27	1-23	27	3.3	9,435	4.75	448	12	28	-173	.00	-8	-11
11-20-57 481593 1487619 5-71					14		10,092	4.80	484						
543422 RIVERVIEW MALITAS KING.....*	91-13	58	5	5-82,86,	133	2.3	10,058	4.74	477	12	85	-256	+.03	-9	-14
07-29-58 498590 1463957 5-71				87,91,92	16		10,442	4.72	493						
543435 KNOLLNOOK BANOLEADER.....*		2	11	1-34	13	2.2	11,030	4.56	503	23	25	+126	-.05	+1	+4
08-12-58 513888 1065731 5-71					7		10,624	4.73	503						
543493 OHIO TRANSFER L KING.....*		1	12	1-31	12	3.3	11,147	4.71	525	0	25	+29	.00	+1	+2
01-12-58 453207 1175183 5-71					4		11,188	4.73	529						
543513 MER DONS BEAUTY FOREMOST ACTOR*		1	18	1-31	18	3.8	9,641	4.79	462	18	27	+59	-.05	-2	0
07-24-58 518090 1108288 5-71					29		9,399	5.05	475						
543530 ERWIN FARMS GRACIOUS AOMIRAL..*		1	22	1-65	22	2.5	8,872	4.60	408	**	27	+31	.00	+1	+2
12-02-58 516179 1666245 5-71					14		8,659	4.63	401						
543551 ZEITLER DIANNE MASTER CURTISS.*		13	16	5-23,50,	55	2.2	8,646	4.58	396	19	52	-489	-.07	-29	-37
11-07-58 426820 1184484 5-71				55,56,58	37		9,591	4.74	455						
543558 MAPLE OAWN WINDSOR DAGDN.....*	63-02	4	11	2-34,63	29	3.3	10,448	4.96	518	14	46	+11	+.07	+7	+6
11-16-58 523127 1692159 5-71					13		10,511	4.85	510						
543597 WERNS VICEROYS PRINCE.....*		2	12	1-35	23	2.3	6,445	4.55	293	0	37	-503	+.04	-20	-30
04-04-58 455056 1037681 5-71					36		7,596	4.45	338						
543631 IDEALS PRINCE LEE.....*		5	45	3-22,23,	53	2.7	8,840	4.52	400	24	32	-263	-.01	-13	-18
10-12-57 448080 765185 5-71				31	21		9,662	4.57	442						
543669 JUL MAR TRANSFER.....*		3	7	2-31,61	15	2.2	9,083	4.49	408	50	34	-170	-.01	-9	-12
10-06-58 453207 1527416 5-71					12		9,579	4.54	435						

REGISTRATION NUMBER NAME DF BULL	STUD CODE	NUMBER DF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... OAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
543671 DAUNTLESS DF PRE EMINENT FARM.*		2	74	1-43	85	2.1	8,672	4.62	401	10	32	+47	-.01	+1	+2
06-10-58 493764 1659598 5-71					34		8,401	4.68	393						
543673 ADDHR HORNET TOPNOTCH.....*	93-02	8	15	3-85,86,	39	1.4	9,412	4.65	438	25	41	-139	+.04	-3	-6
07-01-58 467419 1236096 5-71				93	104		9,763	4.59	448						
543690 WINDY HILL C PERCIVAL.....*		3	14	1-23	25	3.7	9,086	4.59	417	4	39	+45	-.02	0	+1
08-04-58 449675 947516 5-71					63		8,899	4.69	417						
543695 HIGH MEADOWS JOLLY WATERLOO...*		9	13	5-21,31,	39	2.8	10,690	4.76	509	12	49	-187	-.04	-12	-15
09-26-58 439587 1304977 5-71				33,52,56	27		11,236	4.86	546						
543744 LUXERIN MATCHLESS PETER PAN...*		2	32	1-35	34	3.5	8,430	4.71	397	10	30	+56	-.01	+2	+3
07-12-58 435352 886425 5-71					8		8,092	4.73	383						
543798 HENSLEE FARMS V VICTOR.....*		2	32	2-51,63	34	4.0	9,678	4.40	426	0	32	+182	-.02	+6	+10
06-17-58 512972 1751591 5-71					16		9,055	4.44	402						
543799 HENSLEE FARMS V LOYAL.....*		1	13	1-61	13	3.9	10,361	4.59	476	0	26	+183	-.01	+8	+11
07-26-58 512972 1113531 5-71					24		9,651	4.60	444						
543819 FAIRLAWN WARRIORS BELLBOY.....*	41-25	24	17	5-35,41,	65	2.3	9,906	4.67	463	14	56	+333	+.02	+17	+23
09-13-58 473833 1637823 5-71				42,43,47	18		9,274	4.65	431						
543826 IDEALS SIGNET.....*		9	20	2-31,58	35	2.3	8,935	5.07	453	24	38	-167	+.10	+2	-3
07-22-57 448080 1474074 5-71					7		9,345	4.79	448						
543827 IDEALS CENTURION.....*		4	55	1-51	70	2.5	9,637	4.69	452	7	34	+124	-.06	0	+3
12-29-57 473089 1731147 5-71					26		9,231	4.90	452						
543828 IDEALS BETTYS PONTIUS.....*		1	17	1-41	17	3.2	8,150	4.56	372	22	26	-180	-.05	-13	-15
05-27-58 493896 1344226 5-71					6		8,751	4.81	421						
543837 COLORADO STERLING FRONTIERSMAN*		2	17	1-84	27	2.8	9,574	4.87	466	**	36	-218	+.09	-2	-7
06-21-58 445765 1423435 5-71					18		10,241	4.67	478						
543853 MARGENOELL HIS MAJESTY.....*	33-03	115	4	21-21,23,	247	2.0	10,061	4.60	463	7	91	+389	-.03	+15	+23
09-10-58 528225 1660942 1-71				33,35,56	18		9,635	4.63	446						
543890 SUMMITSTEADS W ROSE STEADFAST.*		9	10	2-23,31	51	2.5	9,618	4.69	451	17	59	-285	+.05	-9	-15
09-17-58 501491 1319278 5-71					13		10,153	4.63	470						
543907 STEDE WELLS JACK.....*		1	12	1-42	12	2.6	6,813	4.86	331	11	24	-233	+.03	-8	-13
03-14-58 524112 1577982 5-71					4		7,595	4.77	362						
543938 LYRENE BARNEYS JARRETT.....*		4	4	1-34	10	1.9	10,218	4.59	469	43	29	+11	-.05	-4	-3
04-11-58 437737 1443215 5-71					14		10,241	4.78	490						
543940 WYNO BONOS CYNBAD.....*		4	4	1-32	13	1.9	9,205	4.73	435	25	35	-64	-.03	-6	-7
07-26-58 446227 1250327 5-71					14		9,366	4.86	455						
543978 FAR WEST D NORMAN.....*	91-01	35	2	3-82,86,	58	2.0	9,295	4.73	440	15	75	-649	+.01	-29	-41
07-27-58 480854 1295941 5-71				91	11		10,217	4.74	484						
543983 FOREMOST HAPPY LEADER.....*		1	11	1-43	11	3.6	8,889	4.58	407	0	25	-68	-.03	-6	-7
09-17-58 533454 1514783 5-71					14		9,114	4.76	434						
543993 NYALA KINGS SUPER BLADE.....*		2	7	1-16	11	3.2	8,925	4.97	444	**	31	-152	+.06	-1	-5
08-21-58 480123 1810468 5-71					7		9,400	4.80	451						
544024 DEERSHORN L GALLANT.....*		4	11	1-14	27	2.6	9,031	4.52	408	17	43	-146	.00	-7	-10
07-29-58 483126 1081414 5-71					18		9,348	4.54	424						
544028 GOLDEN GRANGE V ROSS.....*		1	23	1-32	23	3.6	10,269	4.70	483	8	29	+268	+.04	+16	+20
08-11-57 534976 1587837 5-71					6		9,314	4.56	425						
544059 DINSMORE ROTARIAN.....*		4	31	1-58	42	2.2	7,349	4.52	332	**	33	-80	+.04	0	-2
09-29-58 376230 1669814 5-71					157		7,371	4.34	320						
544139 BREEZE HAVEN IDEAL OUKE.....*		1	12	1-56	12	3.3	10,254	4.53	465	10	25	+8	.00	0	0
06-30-58 507894 1115461 5-71					17		10,288	4.59	472						
544146 WESTLYNN NEROS CHRIS.....*		3	11	1-82	15	3.3	8,796	4.66	410	10	30	-160	+.03	-5	-8
05-09-58 520988 1594573 5-71					12		9,306	4.62	430						
544157 NORMANOY TITAN.....*	51-02	41	2	5-23,51,	66	2.5	8,161	4.86	397	26	78	-593	+.11	-18	-30
09-12-58 453207 1296767 5-71				52,54,58	16		8,841	4.74	419						
544224 BAYVILLE ORTEGD.....		3	4	2-52,55	11	1.9	8,514	4.52	385	**	33	-56	+.02	-1	-2
07-09-58 340511 1318691 5-71					31		8,586	4.48	385						
544225 BAYVILLE ORLANDO.....*		5	33	2-52,55	41	2.9	8,868	4.66	413	15	33	-58	+.04	+1	-1
07-12-58 340511 966882 5-71					27		8,982	4.52	406						
544226 BAYVILLE ROYAL VIRGINIAN.....*	51-02	41	9	5-23,51,	143	1.9	8,640	4.85	419	23	80	-621	+.08	-22	-34
07-24-58 449539 1567849 5-71				52,54,55	48		9,396	4.77	448						
544250 PINE GROVE KINGMAN.....*		3	5	2-21,72	11	2.7	10,874	4.57	497	13	33	-236	-.05	-16	-19
12-12-58 425345 1335702 5-71					23		11,821	4.73	559						
544286 RUTTER BROS IDEALS OUKE.....*		3	10	1-23	16	1.9	11,257	5.11	575	20	30	+164	+.09	+16	+18
01-08-59 522908 1475063 5-71					7		10,829	4.89	529						
544342 HANOVER HILL TREASURE.....*		7	27	3-32,48,	47	2.5	9,646	5.21	503	5	40	-137	+.07	0	-4
11-19-58 512257 1594304 5-71				72	14		10,031	5.07	509						
544344 MONTEREY L OORIAN.....*		3	17	1-43	22	3.4	8,304	4.53	376	0	32	-49	-.01	-3	-4
02-18-58 496522 1123628 5-71					12		8,329	4.60	383						
544348 PRICE BLACK OEDOS GOVERNOR....*		2	39	2-72,85	41	2.3	11,473	4.24	486	**	29	+113	-.03	+2	+5
01-01-59 455056 1495646 5-71					464		11,244	4.30	484						
544378 STEADFAST PEERS ACTOR.....*		7	7	3-22,23,	18	2.1	9,641	5.00	482	29	38	-264	+.03	-9	-14
11-03-58 515262 1438441 5-71				54	11		10,425	4.95	516						
544380 BUBBLING SPRINGS SUNSHINE BURK		3	14	1-58	27	1.7	8,517	4.65	396	9	36	-429	+.08	-13	-22
10-07-58 501987 1469281 5-71					102		9,725	4.46	434						
544384 MULHDCAWAY BUTTERFAT DICK.....*		2	24	1-32	26	3.1	8,445	4.42	373	6	30	+44	-.06	-4	-2
08-04-58 529775 1484562 5-71					9		8,148	4.70	383						
544406 HOLLIKNOLL BONOS COLONEL.....*		3	12	2-52,55	16	4.4	10,805	4.98	538	0	31	+357	+.01	+18	+24
01-10-58 446227 1126722 5-71					19		9,672	5.00	484						
544414 SECO ROMEOS NERO.....		1	22	1-43	22	3.6	9,919	4.58	454	21	28	-71	+.04	+1	-1
03-10-59 530422 1771485 5-71					9		10,235	4.40	450						
544431 COWAN FARMS S MELVIN.....*		2	8	1-35	10	2.6	9,309	4.62	430	20	25	+79	-.01	+3	+5
09-26-58 475595 1683345 5-71					31		8,919	4.65	415						
544445 Q D GALISSIES NOTABLE.....*		5	16	2-42,47	23	3.4	9,701	4.56	442	5	35	+102	-.05	0	+3
07-23-58 523743 1409777 5-71					8		9,381	4.73	444						
544453 YELLOW CREEK S BUTTERFAT VALET*		11	5	1-32	24	2.8	11,111	4.81	534	12	50	+206	-.06	+4	+9
11-13-58 475595 1222895 5-71					15		10,821	4.93	534						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... OAUS HM/DAU	REC/DAU HEROMATE	MILK	%	FAT	%	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
544478 LYRENE BENS MILES.....*		2	20	1-34	25	2.3	7,418	4.83	358	36	30		-425	.00	-20	-28
07-02-58 530460 1304141 5-71					10		8,740	4.85	424							
544495 JOHN PLAIN VIKINGS QUEN.....*		8	6	3-33,35,	20	2.2	8,922	4.81	429	36	43		-193	+.07	-2	-7
09-04-58 518025 1455486 5-71				42	12		9,347	4.65	435							
544502 PRESTDALE VICS REGENT.....*		3	16	2-82,93	21	1.4	10,390	4.89	508	7	27		+210	+.04	+14	+17
01-12-59 511627 1371356 5-71					6		9,621	4.76	458							
544503 PRESTOALE VICS VERNALOO.....		2	19	1-82	23	2.6	10,305	4.57	471	7	29		+99	.00	+5	+7
01-28-59 511627 748572 5-71					22		10,002	4.56	456							
544504 PRESTOALE TRANS ROMERO.....*		3	10	1-82	19	3.4	9,499	4.46	424	16	37		+100	-.04	+1	+3
02-12-59 453207 1613591 5-71					30		9,181	4.55	418							
544520 QUAIL ROOST KATER TOPPER.....*		2	19	2-52,55	34	2.6	8,288	5.24	434	21	39		-376	+.13	-5	-14
11-24-58 492543 1313562 5-71					60		9,220	4.89	451							
544536 BALMORALS TRANSFER.....*		1	16	1-31	16	3.3	10,010	4.74	474	0	26		+182	.00	+8	+11
10-02-58 453207 1237748 5-71					11		9,283	4.77	443							
544543 CLA ORE KNIGHTS GOLOEN.....*		2	44	1-91	50	2.6	11,050	4.96	548	6	32		-61	+.07	+4	+2
07-31-58 413580 1600347 5-71					24		11,424	4.78	546							
544614 WERNERS FALINES FLAME.....*		1	10	1-48	10	1.7	6,704	5.18	347	**	21		-373	+.01	-16	-23
01-27-59 524263 1875763 5-71					38		8,388	5.08	426							
544682 HENSLEE FARMS KING VICTOR.....*		1	18	1-33	18	2.8	10,002	4.56	456	19	26		+199	-.04	+5	+9
01-07-59 533320 1649664 5-71					8		9,194	4.75	437							
544684 HENSLEE FARMS VIA O ROMAN.....*		5	8	4-56,63,	18	2.2	8,655	4.45	385	25	37		-62	-.01	-4	-5
03-10-59 424925 1588267 5-71				65,72	25		8,738	4.51	394							
544687 RUNNYMEOE VALORS RADIANT.....*		2	12	1-12	23	2.4	9,245	4.33	400	18	37		+16	-.02	-1	0
10-01-58 502461 1322620 5-71					14		9,154	4.38	401							
544702 THREE CLIFFS TRAN CHIEF.....*		3	13	3-41,46,	17	1.9	8,552	4.53	387	65	26		-193	-.03	-12	-15
09-25-58 453207 1629682 5-71				47	15		9,253	4.72	437							
544720 RIVERVIEW HAZELS CHOICE.....*		1	25	1-91	25	3.1	8,780	4.58	402	16	28		-128	-.02	-8	-10
10-24-58 498590 1827288 5-71					35		9,197	4.72	434							
544732 ROES MOR P PROPHET.....*		3	6	1-33	12	3.4	8,627	4.67	403	0	34		-200	-.01	-10	-13
08-09-58 524132 1016496 5-71					6		9,168	4.73	434							
544773 PLAIN FOLKS PREDICTION.....		1	17	1-35	17	3.4	8,403	4.74	398	**	26		-240	+.01	-10	-15
03-16-58 519873 1292351 5-71					14		9,282	4.73	439							
544793 LAUXMONT 80XER.....*		3	11	1-23	15	2.9	9,495	4.71	447	0	30		-132	-.03	-9	-11
03-23-59 510148 1445249 5-71					17		9,979	4.86	485							
544794 WILSON FARM LINOAS PRINCE.....*		2	24	1-23	36	3.5	8,250	4.62	381	7	37		-287	+.05	-9	-15
09-07-57 472912 1033674 5-71					10		8,962	4.50	403							
544813 GRANO VIEW ACME.....*		5	11	4-55,56,	22	2.8	9,586	4.58	439	14	37		+1	.00	0	0
09-10-58 527877 1717052 5-71				58,63	41		9,579	4.61	442							
544816 EOISTO FARMS M LAOOIE.....*		1	10	1-56	10	3.2	8,749	4.43	388	0	24		-89	+.01	-3	-5
10-20-58 475070 1400226 5-71					82		9,075	4.40	399							
544822 SHAO 8LOW TY.....*		2	14	1-21	16	2.4	8,136	4.89	398	**	27		-100	+.05	0	-3
03-03-58 517403 1093121 5-71					14		8,385	4.72	396							
544823 CRUM ELBOW FAMOUS ORAFTSMAN...*		1	10	1-51	10	2.7	8,235	4.95	408	11	23		-1	+.05	+5	+4
12-10-58 528753 1192452 5-71					18		8,088	4.69	379							
544832 MAPLE LEAF ROYAL GAY.....*	41-25	15	13	4-33,41,	65	2.0	9,942	4.78	475	13	60		+27	+.08	+9	+8
09-09-58 458927 1482880 5-71				47,48	12		9,927	4.65	462							
544835 MAPLE LEAF BELLE BOY.....*		1	15	1-41	15	3.7	9,481	4.90	465	0	27		-7	+.04	+4	+3
10-26-58 458927 932936 5-71					10		9,496	4.75	451							
544867 OGEOANKES MAINSTAY.....*		9	4	4-55,57,	21	2.2	9,536	4.32	412	**	48		+474	-.07	+15	+25
08-22-58 455056 1258355 5-71				58,72	34		8,427	4.43	373							
544916 YELLOW CREEK BUTTERFAT BART...*	61-02	85	5	13-31,32,	221	1.9	9,805	5.07	497	16	89		-180	+.38	+28	+19
08-30-58 496474 1260591 5-71				33,61,84	12		10,050	4.66	468							
545087 GROVE FARM SUPREME.....*		2	19	1-31	21	3.3	9,981	4.70	469	5	29		+82	.00	+4	+5
01-27-59 475595 1353465 5-71					15		9,710	4.70	456							
545132 KUHTZOALE GRANO LAO.....*		2	8	2-33,35	13	2.2	8,362	4.78	400	**	29		-266	+.06	-7	-13
08-31-58 503883 1031622 5-71					15		9,245	4.60	425							
545135 EOISTO FARMS OLIVER.....*		10	36	3-55,56,	59	3.0	10,197	4.45	454	12	40		+181	-.04	+4	+8
06-03-58 453207 1098566 5-71				57	39		9,759	4.54	443							
545137 EOISTO FARMS G KING.....*		2	34	1-56	36	2.6	8,751	4.56	399	22	29		-44	-.02	-4	-4
08-27-58 420373 1717916 5-71					20		8,824	4.67	412							
545138 EOISTO FARMS G CAOET.....*		8	12	3-56,58,	35	3.5	8,201	4.41	362	3	49		-144	-.03	-10	-12
10-27-58 420373 1582709 5-71				64	29		8,371	4.52	378							
545150 GRAYSMARSH MAINLINER.....*	35-21	66	18	7-34,35,	247	1.9	9,912	4.91	487	15	82		-198	+.13	+3	-3
09-02-58 468032 893958 5-71				41,82,91	19		10,215	4.78	488							
545213 BAYVILLE WHEEL OF FORTUNE.....*		5	6	3-57,63,	20	2.7	9,344	4.61	431	0	44		+87	+.01	+5	+6
02-06-59 534882 1768080 5-71				65	32		9,090	4.58	416							
545231 YELLOW CREEK HANOY EARL.....*	91-11	9	11	5-21,32,	28	2.7	11,016	4.88	538	11	44		+304	+.01	+15	+20
05-22-58 526747 1741218 5-71				35,42,72	11		10,396	4.90	509							
545234 YELLOW CREEK BFT JERRY.....*		1	41	1-33	41	2.4	8,669	4.69	407	22	28		-161	+.04	-4	-7
09-18-58 515664 1615756 5-71					16		9,208	4.59	423							
545279 CONOVERS MAJESTIC WELO.....*		9	15	3-22,23,	31	2.5	8,227	4.80	395	0	41		-462	.00	-21	-29
02-16-59 454296 1734186 5-71				58	67		9,328	4.80	448							
545297 SHAOY RUN O BEAU.....*		1	11	1-23	11	2.9	7,264	5.04	366	**	24		-344	+.03	-13	-20
10-27-58 467982 1173758 5-71					17		8,597	4.91	422							
545319 OUFFIELO S RESERVE.....*		9	2	3-31,32,	13	3.1	10,275	4.67	480	0	45		+295	+.04	+18	+23
10-20-58 498586 1179862 5-71				34	21		9,612	4.58	440							
545328 ERWIN FARMS MONARCH SUPREME...*		2	36	2-63,71	38	2.3	8,839	4.42	391	15	29		-136	.00	-6	-9
12-25-58 475595 1538035 5-71					38		9,285	4.44	412							
545358 OORELLA VICTORYS CHAMPION.....*		5	31	1-93	52	2.4	12,008	4.71	566	0	38		+41	+.04	+6	+6
01-02-59 533739 1344309 5-71					85		12,154	4.62	562							
545361 BAY MEAOOW ELITES STEAOFAST...*		3	7	1-93	14	2.8	11,424	4.43	506	0	34		-143	+.01	-6	-9
11-05-58 483652 1356156 5-71					32		12,102	4.42	535							
545369 NORTHERN HERMES EMORY.....*		7	13	4-33,43,	33	2.9	10,053	4.70	472	9	45		+66	+.09	+12	+12
03-01-59 415425 1346901 5-71				48,73	43		9,938	4.49	446							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF OAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/OAU	REC/OAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
545486 GRAYCE FARMS LEZAS ACTOR.....*		3	26	1-23	30	3.6	8,148	4.80	391	6	32	-127	-.02	-8	-10
03-17-59 518090 1334716 5-71					13		8,424	4.94	416						
545515 COLBYS KLONDIKE.....*		8	11	3-23,34,	42	2.6	11,270	4.71	531	5	53	+252	-.02	+10	+15
10-22-58 493542 1666248 5-71				41	23		10,924	4.76	520						
545545 FAWN ISLE F CLARAS TRANSFER...*		1	31	1-32	31	2.7	9,277	4.65	431	13	29	-43	.00	-2	-3
08-14-58 453207 1436827 5-71					14		9,408	4.70	442						
545556 MENDALE SUPREMES IDEAL.....		2	45	1-41	47	2.2	9,880	5.04	498	**	29	-77	+.08	+4	+1
10-02-58 531573 1465531 5-71					12		10,206	4.77	487						
545564 GROCHO OF RHOADSACRES.....*		1	11	1-23	11	3.2	8,142	4.51	367	0	24	-61	-.04	-7	-7
04-07-58 453716 1036080 5-71					33		8,268	4.77	394						
545575 FAIRLAWN MILKMAIDS PEER.....*		1	19	1-22	19	3.7	9,892	4.95	490	5	28	-42	+.02	0	-1
05-23-58 399615 1568359 5-71					37		10,092	4.90	495						
545579 FAIRLAWN BLANCHES WARRIOR.....*		3	17	1-92	21	1.2	8,333	4.30	358	**	25	-42	-.01	-3	-4
01-30-59 473833 1759461 5-71					26		8,380	4.36	365						
545580 FAIRLAWN VIOLETS PEER.....*		6	6	2-41,42	20	2.9	9,172	4.85	445	22	45	-385	+.03	-15	-22
02-15-59 399615 1541667 5-71					13		10,078	4.81	485						
545581 FAIRLAWN HORNETS SUPERB.....*		3	16	1-72	31	2.8	10,961	4.13	453	0	40	+227	-.13	-2	+4
04-15-59 362352 1724111 5-71					45		10,476	4.42	463						
545591 DEEP LAKE DAWNS BONANZA.....*	23-04	10	7	2-23,61	24	2.7	9,599	4.58	440	25	46	+257	-.05	+7	+12
02-25-59 496783 1604691 5-71					13		8,978	4.70	422						
545592 DEEP LAKE BONANZAS MARK.....*		3	13	2-31,72	18	2.6	9,602	4.63	445	6	31	-112	+.02	-3	-5
03-13-59 496783 1780878 5-71					49		10,002	4.60	460						
545596 GOLDKIST MARVELS SUPERIOR.....*		1	20	1-93	20	2.0	11,496	4.75	546	**	25	+154	+.01	+8	+11
01-05-59 513191 1087811 5-71					53		11,026	4.72	520						
545659 ROSSMONT JANES RAIDER.....		1	34	1-52	34	2.7	7,056	4.72	333	0	29	-113	-.02	-7	-9
03-11-59 496861 1590252 5-71					26		7,205	4.86	350						
545711 LONE PINE MELBAS PAT.....*		2	27	1-23	52	2.7	9,518	4.80	457	20	42	-6	+.05	+5	+4
05-22-59 520685 1275545 5-71					13		9,525	4.68	446						
545724 NYALA INDIGOS PHIL.....*		5	8	1-21	18	2.7	7,875	4.77	376	36	37	-482	+.07	-16	-26
11-10-58 533732 1657763 5-71					14		9,143	4.60	421						
545730 APPLEBROOK KINGS PREDOMINATOR.*		3	29	1-51	33	1.3	7,583	4.73	359	31	26	-126	+.01	-5	-7
03-06-59 524119 958571 5-71					10		7,898	4.72	373						
545795 CROWN STONE KENNY.....*		3	22	1-51	46	2.1	8,418	4.85	408	**	42	-248	+.01	-11	-16
12-23-58 453210 1513900 5-71					20		8,946	4.87	436						
545797 MCDONALD FARMS JOLLY CHIEF....*		2	9	1-33	11	2.4	9,910	4.56	452	0	25	+80	-.04	0	+2
03-09-59 439587 1381417 5-71					15		9,581	4.71	451						
545802 FAR WEST NORAS TRANSFER.....*	91-13	29	4	4-82,83,	66	2.5	9,567	4.60	440	10	75	-456	.00	-21	-29
11-17-58 453207 1687872 5-71				86,92	19		10,236	4.61	472						
545832 WILSONA COMMANDO JASON.....*		5	9	2-91,92	27	2.5	9,072	4.62	419	0	46	-412	+.02	-17	-25
10-23-58 468063 1259345 5-71					30		10,017	4.58	459						
545871 CLA ORE KNIGHTS BE BOP.....*		5	10	3-86,92,	21	2.1	11,156	4.51	503	35	36	+106	+.03	+8	+9
01-01-59 413580 1696994 5-71				93	31		10,993	4.40	484						
545934 MAURANA 8 BUTTERFAT KAVALIER..*		10	9	6-16,32,	30	2.3	9,037	4.97	449	27	46	-425	+.06	-14	-23
01-15-59 493764 1179397 5-71				33,48,72	20		9,991	4.85	485						
545950 WYNO SAINTS ROCKET.....*		6	8	1-23	17	2.1	9,548	4.85	463	33	35	-295	+.03	-11	-17
11-09-58 429156 931352 5-71					21		10,473	4.80	503						
545951 WYNO SAINTS LEO.....*		2	27	1-52	29	2.9	10,787	4.92	531	8	30	-101	+.05	0	-3
11-11-58 429156 1503547 5-71					47		11,300	4.80	542						
545984 BAYVILLE ROYAL KING.....*	63-01	21	2	6-52,55,	33	2.2	8,467	4.68	396	33	64	-476	+.03	-19	-28
12-18-58 449539 899617 5-71				56,58,63	24		9,171	4.63	425						
546008 SPAR HILL JOLLY DESIGNER.....*		9	2	4-23,50,	12	2.2	8,885	5.40	480	40	41	-586	+.18	-11	-24
11-27-58 524993 1694662 9-70				51,52	18		10,398	4.96	516						
546032 REALANE CHIEF DOMINUS.....*		2	15	2-35,85	24	2.8	9,258	4.80	444	**	36	-250	+.13	+1	-6
10-29-58 494316 928748 5-71					143		10,001	4.42	442						
546063 HANSENS SENSATION ANDEE.....*		2	9	2-41,45	11	1.6	10,081	4.72	476	**	23	-82	+.04	0	-2
09-08-58 530986 1459278 5-71					8		10,536	4.59	484						
546078 GRAND VIEW CHIEFTAINS LEADER..*		15	20	6-55,56,	45	2.6	10,638	4.50	479	21	44	-142	-.08	-14	-15
12-09-58 495409 1143160 5-71				57,58,64	31		11,114	4.69	521						
546145 GAYOSO VIEWS FAMES STAR.....*		3	9	3-65,72,	13	2.8	8,265	4.37	361	0	29	+40	-.02	0	+1
11-03-58 512974 1266592 5-71				73	28		7,956	4.44	353						
546189 ELMWOOD BEACON.....*		2	13	1-41	15	2.1	8,119	5.04	409	43	24	-196	+.11	+1	-4
02-26-59 528764 1315502 5-71					14		8,850	4.54	402						
546190 ELMWOOD EDSEL.....*		4	11	3-41,46,	18	2.6	10,080	4.53	457	0	33	+211	.00	+10	+14
03-15-59 528764 1771604 5-71				47	10		9,408	4.50	423						
546196 ELMWOOD MARS.....*		4	8	1-42	14	3.6	9,732	4.88	475	8	35	-131	+.09	+2	-2
06-07-59 528764 1639680 5-71					8		10,167	4.65	473						
546206 NORTHERN HERMES MAY ROYALTY...*		8	5	8-22,23,	15	2.7	10,406	4.91	511	0	40	-2	+.04	+4	+3
05-09-59 415425 1235140 5-71				35,43,47	80		10,499	4.84	508						
546210 LISETER WINNING STEADFAST.....*		5	8	2-23,58	22	2.5	10,259	4.79	491	0	41	-197	+.04	-5	-9
11-18-58 529978 843720 5-71					25		10,859	4.72	513						
546241 WANDAMERE ANNABELLES BON.....*		3	14	2-91,92	18	1.9	10,055	4.49	451	**	28	+90	-.01	+3	+5
01-22-59 496783 1471705 5-71					52		9,738	4.53	441						
546243 WANDAMERE B TOKEN.....*		3	7	2-91,92	10	1.4	8,907	4.74	422	57	23	-421	-.02	-21	-28
04-14-59 537339 1677863 5-71					42		10,900	4.83	526						
546309 JOHN PLAIN VIKINGS WILL.....*		1	31	1-42	31	2.4	6,734	4.63	312	4	28	-274	-.01	-14	-19
01-19-59 518025 1548189 5-71					5		7,502	4.73	355						
546318 ELM MOORS DELIGHTS TRANSFER...*		8	13	1-48	37	2.3	7,461	4.53	338	**	46	-338	-.02	-18	-24
04-07-59 453207 1443394 5-71					10		8,037	4.63	372						
546319 BROOKBERRY GAY CAPSTAN.....*	56-02	7	2	2-55,56	12	2.3	8,358	4.43	370	0	40	-169	-.01	-9	-12
01-15-59 504863 1692936 5-71					31		8,691	4.49	390						
546325 VALLEY VIEW CHIPS COMMANDER...*		2	17	1-35	24	3.8	9,767	5.22	510	8	34	-333	+.08	-8	-15
05-22-59 486831 1183525 5-71					12		10,862	5.02	545						
546327 WESTERN GLOW MAY TRAVELER.....	93-05	6	2	2-82,93	11	1.7	11,755	4.28	503	0	36	-32	-.01	-2	-2
01-30-59 535338 1248725 5-71					22		12,095	4.28	518						

REGISTRATION NUMBER / NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES AND WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
546329 WESTERN GLDW LILS 8DNANZA.....*		3	17	2-55,56	21	2.6	9,438	4.62	436	17	30		+135	-.03	+3	+6
03-20-59 496783 1361624 5-71					21		8,912	4.74	422							
546330 WESTERN GLDW MURIELS 8ONANZA..*		16	8	6-23,81,	59	2.7	10,708	4.61	494	21	67		-95	-.03	-7	-8
04-11-59 496783 1419256 5-71				82,84,91	23		10,988	4.66	512							
546331 WESTERN GLOW OARIMOST.....*	91-13	274	12	34-21,82,	1,404	1.6	11,181	4.72	528	10	97		+486	+.06	+29	+37
05-14-59 475548 1146132 1-71				91,92,93	21		10,796	4.67	504							
546352 CDL8YS COMMANOER.....*		1	63	1-52	63	3.0	8,886	4.75	422	9	30		-21	.00	-1	-1
12-28-58 533195 1788582 5-71					42		8,885	4.82	428							
546355 PECKS JDLLY ALERT.....*		1	10	1-33	10	2.0	9,754	4.70	458	**	21		-41	+.02	0	-1
12-12-58 518019 1319048 5-71					10		9,996	4.61	461							
546365 PRAIRIE 8LOOM MASHER.....*		3	7	1-92	16	2.9	8,900	4.72	420	0	37		-305	-.03	-17	-22
12-07-57 449685 1398728 5-71					35		9,730	4.84	471							
546366 PRAIRIE 8LDOM FA8IANS SELECT..*		3	7	2-92,93	20	3.2	10,218	4.70	480	0	43		+154	-.03	+4	+7
12-20-57 521238 1046200 5-71					44		9,888	4.78	473							
546367 LYDN FARM 8 NUGGET.....*		3	6	2-92,93	12	3.6	9,348	4.84	452	**	36		-128	+.03	-3	-6
12-20-58 496783 1368132 5-71					37		9,719	4.79	466							
546396 MULHOCAWAY 8UTTERFAT JEWELER..*		21	4	8-22,23,	40	3.3	11,401	4.89	557	9	67		+453	+.04	+25	+33
01-16-59 473982 1574851 5-71				32,33,48	21		10,846	4.87	528							
546398 MULHOCAWAY 8UTTERFAT DRATDR...*		3	13	3-32,33,	23	1.7	8,254	4.93	407	38	32		-467	.00	-22	-30
02-17-59 529775 1405536 5-71				35	15		9,706	4.96	481							
546414 RIOGE LANE 8OOSTERS SDNNY.....*		4	3	1-84	10	3.5	8,377	4.85	406	0	36		-368	+.07	-11	-19
10-10-58 500458 1552968 5-71					22		9,390	4.66	438							
546422 E8ER LEA FARMS PRINCE.....*	33-03	47	12	15-21,23,	151	1.6	10,357	5.04	522	23	77		-333	+.23	+6	-4
02-28-59 475548 1647662 5-71				31,32,33	18		10,920	4.77	521							
546461 CARROLLS VICTOR.....*		3	33	2-23,51	37	2.5	9,176	4.75	436	8	30		-22	-.02	-3	-3
12-28-58 500240 1202934 5-71					30		9,211	4.86	448							
546463 RIVERVIEW CASCAOES OICTATOR...*	91-13	31	2	4-82,83,	47	1.7	9,245	4.79	443	19	71		-653	+.11	-20	-34
12-18-58 498590 1461642 5-71				91,92	18		10,224	4.65	475							
546511 TRIPLE L 8ON OANCER.....*		2	8	1-82	10	2.7	10,267	4.96	509	0	25		+124	+.04	+10	+12
04-16-59 496783 1233114 5-71					16		9,790	4.81	471							
546558 STEDE WELLS ILAS PRIME.....	42-02	18	2	2-42,73	25	1.8	7,991	4.34	347	32	58		-551	-.10	-35	-43
11-19-58 524112 1037684 5-71					6		8,870	4.58	406							
546559 GUERNSEY LANO PHARAOHS PHARAOH*	21-10	42	2	6-13,14,	60	2.6	10,946	4.45	487	22	78		+637	-.16	+13	+27
09-13-58 298216 1170742 5-71				21,22,23	16		10,185	4.64	473							
546609 ELMWOOO SOUVENIRS KING.....*		1	24	1-42	24	3.6	8,905	4.59	409	0	29		-133	-.01	-7	-9
12-07-58 528764 1768117 5-71					6		9,333	4.65	434							
546618 MCDONALD FARMS ROYAL CROWN....*	23-09	125	5	11-21,23,	308	1.3	9,386	4.89	459	24	92		-290	+.17	+2	-6
05-05-59 470604 1756354 1-71				50,51,52	20		9,712	4.72	458							
546619 MCOGNALO FARMS ROYAL CHERU8...*		7	2	3-31,32,	13	1.5	9,101	4.74	431	25	39		-137	-.02	-8	-10
05-06-59 470604 1690147 5-71				34	14		9,439	4.81	454							
546626 MAGNOLIA FLASH CORINTHIAN.....*	35-75	245	16	34-32,35,	924	1.3	10,264	4.69	481	16	94		+159	+.07	+14	+16
05-24-59 475548 1547800 5-71				55,58,65	27		10,146	4.61	468							
546650 LAPO RECS CHALLENGER.....*		4	11	2-43,47	21	2.0	11,329	4.61	522	18	35		+228	+.02	+13	+17
10-30-58 523582 1181797 5-71					16		10,797	4.53	489							
546667 FALCONS MAN OF WAR.....*		5	6	4-16,23,	17	4.1	10,268	4.98	511	0	42		+36	+.10	+11	+10
01-21-59 475548 1451250 5-71				51,56	21		10,243	4.77	489							
546672 YELLOW CREEK S SPOTLIGHT.....*		2	11	2-33,35	13	2.7	9,474	4.73	448	8	27		-199	.00	-9	-13
01-05-59 475595 1243082 5-71					22		10,291	4.77	491							
546709 SHADY GROVE TRANSFER ACE.....*		2	9	1-56	17	3.7	8,440	4.54	383	**	37		-143	+.01	-6	-9
01-06-59 453207 1238132 5-71					23		8,740	4.54	397							
546724 IDEALS TRILLON.....*		7	21	5-21,22,	35	1.7	9,982	4.73	472	33	34		-172	-.05	-13	-15
03-05-58 527534 937019 5-71				23,33,58	92		10,591	4.93	522							
546744 HADOONS R G MELVIN.....*		1	15	1-22	15	2.1	7,191	4.59	330	**	24		-296	+.01	-13	-18
01-09-59 520218 1091353 5-71					15		8,282	4.59	380							
546861 COWAN FARMS S OWEN.....*		4	14	2-35,85	29	2.2	10,683	4.56	487	10	40		+211	-.05	+5	+10
12-04-58 475595 1683338 5-71					78		10,212	4.67	477							
546865 HARGOODS MAJESTY PERRY.....*		1	19	1-23	19	5.0	10,886	5.10	555	0	29		+86	+.05	+9	+10
09-30-58 452075 1726123 5-71					31		10,691	4.98	532							
546901 GRAY HAVEN LADS PEER.....*		4	8	1-31	25	3.2	10,165	4.75	483	9	47		+85	-.04	0	+2
09-21-58 521947 1518950 5-71					12		10,023	4.85	486							
546946 SKYLINE LEES MASTER.....*		5	7	2-42,47	22	2.2	9,548	4.52	432	29	44		-105	-.10	-14	-14
09-16-58 483717 1178244 5-71					13		9,810	4.78	469							
546990 AR MAR 8ONANZA MART.....*		1	15	1-42	15	3.4	9,698	4.69	455	0	27		-75	-.02	-5	-6
12-01-58 496783 1578787 5-71					12		10,022	4.82	483							
547009 LAKE LOUISE DENISES ROYAL.....*		4	6	3-16,23,	14	2.5	11,634	5.04	586	21	35		+257	+.12	+24	+27
03-13-59 522833 1406705 5-71				47	27		11,033	4.77	526							
547027 NORGERTS ROYAL NANCE DEWOROP..*	35-03	17	5	2-35,85	43	2.6	10,282	4.34	446	12	65		+11	-.18	-17	-14
01-19-59 533769 1600002 5-71					49		10,336	4.61	476							
547049 SPAR HILL STATESMAN.....*		2	15	2-56,57	17	2.1	8,676	4.56	396	29	26		-146	+.05	-2	-5
01-15-59 469797 1511048 5-71					39		9,192	4.38	403							
547069 OOMINGO.....*		6	5	3-33,82,	16	2.4	9,234	4.54	419	0	42		-159	-.02	-9	-12
05-07-58 415425 1431731 5-71				92	16		9,616	4.60	442							
547136 GOLOEN GRANGE P LADDIE.....*		1	21	1-32	21	3.5	8,861	5.00	443	5	28		-37	+.05	+3	+2
09-06-58 463332 1340005 5-71					13		8,928	4.84	432							
547253 LOOKOUT VALLEY ROSE FLASH.....*	35-04	35	3	14-33,34,	61	2.5	9,639	4.88	470	10	75		+27	+.12	+13	+11
07-02-59 475548 1480511 5-71				35,42,48	16		9,600	4.73	454							
547261 FAIRLAWN MURIELS ACTOR.....*	35-05	68	5	5-31,32,	143	2.2	8,973	4.83	433	16	85		-457	+.08	-14	-23
08-22-59 322785 1004019 5-71				35,41,42	19		9,499	4.75	451							
547262 FAIRLAWN SPRUCES ACTOR.....*		3	13	1-72	27	2.2	8,954	4.31	386	0	38		-624	+.01	-28	-39
08-27-59 523823 1669465 5-71					44		10,697	4.34	464							
547263 FAIRLAWN A ACTOR.....*		9	10	4-55,56,	30	2.7	8,722	4.64	405	30	47		-395	+.04	-15	-23
09-01-59 523823 1833178 5-71				57,58	52		9,558	4.57	437							
547283 GRAIN MEADDW V GLAMOUR.....*		3	32	1-35	38	2.2	7,644	4.46	341	29	30		-520	-.01	-25	-34
03-15-59 529456 1211304 5-71					21		9,360	4.54	425							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
547286 COLBYS PRINCE LYRENE.....*		5	5	1-34	18	2.5	10,985	4.69	515	27	43	-96	-.07	-11	-12
02-20-59 527168 1104212 5-71					23		11,384	4.87	554						
547287 COLBYS COMMODORE.....*		4	12	1-11	30	3.2	11,091	4.81	534	0	45	+256	+.02	+14	+18
03-17-59 533195 1801615 5-71					15		10,618	4.79	509						
547315 OLD FARMSTEAD MARINAS E LAD...*		6	23	3-35,42,	52	2.2	10,204	5.43	554	20	45	-179	+.15	+6	0
09-12-58 524393 1117927 5-71				84	19		10,718	5.13	550						
547319 HOMINY HILL ADRIAN.....*		38	12	12-14,23,	93	2.0	10,256	4.52	464	16	69	+226	-.05	+6	+11
02-23-59 422711 1221412 5-71				31,56,91	25		9,962	4.58	456						
547320 HOMINY HILL WESTERN.....*		4	20	4-23,34,	29	2.3	8,483	4.97	422	14	34	-237	-.02	-13	-17
04-C8-59 431647 1505182 5-71				51,61	22		9,144	5.11	467						
547323 HOMINY HILL RULER.....*		9	3	2-33,43	16	2.6	9,018	4.80	433	14	46	-419	+.08	-12	-21
06-23-59 422711 1109721 5-71					15		9,972	4.65	464						
547341 LYNDALE BRANFORD MONARCH.....*		1	14	1-56	14	2.5	8,156	4.49	366	18	23	-269	+.02	-11	-16
03-14-59 411028 1623402 5-71					31		9,287	4.46	414						
547369 UPAWAY SHAWS LEO.....*		11	1	2-21,23	12	1.9	9,581	4.78	458	27	43	+57	+.02	+5	+6
05-29-59 504216 1562151 5-71					13		9,427	4.73	446						
547382 OLD HOMESTEAD KINSMAN.....	11-01	35	3	2-11,21	78	2.2	9,228	4.54	419	27	79	-307	-.15	-28	-31
08-03-58 453207 1422755 5-71					10		9,615	4.75	457						
547403 BELNEMUS MARCUS EMORY.....*		1	33	1-56	33	3.0	8,885	4.54	403	0	30	+108	+.04	+9	+10
11-17-58 523866 1770523 5-71					21		8,396	4.36	366						
547408 HOOSIERLAND PROFS PHIL.....*		1	12	1-32	12	1.7	6,789	4.61	313	**	21	-242	.00	-11	-15
02-03-58 519535 1571376 5-71					5		7,764	4.66	362						
547435 LANGWATER SUPREMES ACME.....*		3	11	1-32	20	3.1	10,948	4.70	515	11	37	+167	-.06	+2	+6
12-31-58 424926 1648799 5-71					12		10,588	4.87	516						
547459 GAYOSO VIEW FAMES KING.....*	63-02	15	12	1-63	70	2.1	10,258	4.57	469	11	63	+293	-.05	+9	+15
12-24-58 512974 1721548 5-71					24		9,812	4.64	455						
547495 BELMONT VIEW NOBLES ROBIN.....*		4	17	2-55,57	22	2.5	9,427	4.54	428	33	31	-182	+.02	-7	-11
03-11-59 5C7448 1420495 5-71					54		10,067	4.53	456						
547512 CHARLTON KATHYS JEWELER.....*		6	3	3-21,55,	12	2.7	9,948	4.53	451	17	39	+123	-.06	0	+3
08-30-59 475595 1688225 5-71				63	43		9,633	4.68	451						
547543 KOKOSING F SULTAN.....*		3	7	1-31	10	2.4	9,269	4.48	415	25	25	-4	.00	0	0
02-01-58 524566 1318483 5-71					10		9,251	4.50	416						
547554 PRE EMINENT REGAL CONQUEST.....*		8	14	5-33,56,	32	2.4	7,776	4.44	345	**	42	-100	+.02	-3	-5
01-09-59 376230 1640992 5-71				58,64,73	135		7,839	4.40	345						
547558 MER DONS FOREMOST BRIGHT LAD..*		1	25	1-31	25	2.5	9,568	4.94	473	36	27	-90	+.04	0	-2
11-05-58 518090 754571 5-71					14		9,938	4.81	478						
547581 YELLOW CREEK H MCONLIGHT.....*		9	9	5-33,35,	32	2.0	8,504	4.93	419	46	48	-455	+.16	-6	-17
12-14-58 496474 1615757 5-71				42,72,85	45		9,444	4.58	433						
547582 YELLOW CREEK BUTTERFAT QUARTUS*		1	14	1-35	14	2.9	8,302	5.11	424	15	25	-196	+.11	+1	-4
01-22-59 496474 1651760 5-71					10		9,025	4.64	419						
547583 YELLOW CREEK BFT GYPSY KING..*	31-02	77	5	17-31,32,	153	1.8	10,662	5.07	541	13	85	-170	+.22	+13	+6
02-09-59 534741 1704723 5-71				34,43,57	21		11,000	4.86	535						
547595 ROSEWOOD ROYAL KING.....*	35-03	12	3	2-33,35	25	2.6	9,825	4.53	445	17	55	-114	-.05	-10	-11
03-10-59 473218 1710317 5-71					19		10,077	4.62	466						
547597 FOREST HOMES F A OUKE.....		1	14	1-35	14	2.9	10,067	4.98	501	7	26	-46	+.05	+3	+1
05-06-59 419221 1579972 5-71					10		10,318	4.77	492						
547607 JANDE JEWEL SUPREME.....*		3	11	2-23,31	15	3.0	11,167	5.10	569	15	29	+185	.00	+9	+12
03-19-59 475595 1603936 5-71					12		10,635	5.16	549						
547610 THREE CLIFFS BO OAMON.....*		2	28	1-41	30	3.1	9,109	4.83	440	17	30	-117	+.06	0	-3
09-14-59 496783 1629682 5-71					14		9,486	4.62	438						
547620 IDEALS SATURN.....*		6	5	3-32,33,	19	3.0	10,552	5.00	528	17	45	+191	+.07	+16	+18
01-28-58 527534 1732689 5-71				35	13		10,183	4.89	498						
547640 MEADOW LANE PRIDES PRINCE.....*		5	12	3-35,42,	20	3.1	11,142	4.76	530	8	35	+158	+.02	+9	+12
03-17-59 475595 1511700 5-71				63	30		10,811	4.74	512						
547656 GENESEE MINTER.....*	21-01	56	2	3-13,21,	74	2.5	8,874	4.81	427	22	81	-616	+.13	-17	-30
05-17-59 475548 1563567 5-71				65	17		9,633	4.66	449						
547657 DEERPATH ORLANDO JAKE.....*		2	8	2-51,52	10	3.0	9,272	4.62	428	**	26	+110	-.07	-2	+1
11-12-58 527696 1702103 5-71					18		8,760	4.99	437						
547675 DITMARSIAS SPECIAL.....*		6	17	2-42,47	32	2.9	10,123	4.70	476	29	39	+5	+.01	+1	+1
03-13-59 502177 1691160 5-71					14		10,164	4.69	477						
547704 YELLOW CREEK 8 HARMON.....*		9	8	5-23,34,	26	2.1	10,032	4.83	485	6	46	-84	+.04	0	-2
02-03-59 481593 1677113 5-71				35,48,57	10		10,285	4.77	491						
547708 YELLOW CREEK 8 MAJESTY.....*	41-25	1	30	1-41	30	2.9	10,084	4.81	485	17	28	+201	+.02	+11	+14
03-06-59 481593 1714735 5-71					6		9,342	4.76	445						
547762 SCRUGGS COZY MAJOR.....*		1	24	1-65	24	2.3	9,994	4.48	448	11	27	-63	-.01	-4	-5
06-28-59 524974 1557151 5-71					10		10,301	4.54	468						
547765 MAURANA S BUTTERFAT GONDOLIER.*	35-21	52	10	9-35,41,	115	1.7	10,409	4.91	511	17	74	+236	+.15	+26	+28
01-22-59 527868 1510922 5-71				42,47,48	15		10,143	4.72	479						
547766 WHITE LICK FARMS PEARL KING...*		1	23	1-35	23	3.0	9,293	4.96	461	12	28	-39	+.06	+4	+2
06-13-59 520324 1854630 5-71					13		9,417	4.76	448						
547788 BEN VENUE GIRLIES PABLO.....*		3	7	3-52,56,	20	3.0	9,135	4.75	434	11	43	+88	+.08	+12	+12
09-11-59 532826 1487472 5-71				72	43		8,855	4.53	401						
547793 METZGER FARMS 8 SHAWN.....*		3	10	3-32,34,	15	3.3	11,582	4.77	552	21	32	+126	.00	+6	+8
08-01-59 496783 1703125 5-71				72	24		11,353	4.77	541						
547805 SKYLINE DAWNS VICTORY.....*		5	17	2-42,47	24	3.3	10,132	4.47	453	8	34	+101	-.06	-1	+2
10-30-58 523063 1617336 5-71					11		9,855	4.68	461						
547807 SKYLINE LEES PRINCE.....*		5	11	1-47	30	3.0	9,135	4.93	450	20	45	-434	+.09	-12	-21
10-03-59 483717 1178244 5-71					12		10,144	4.76	483						
547825 IDEALS SYMBOL.....*		2	22	1-21	24	2.1	7,932	4.44	352	**	27	-150	.00	-7	-10
06-12-58 527534 1474069 5-71					5		8,360	4.46	373						
547828 IDACREST ROCKYS ACE.....*		2	12	1-82	14	3.2	9,955	4.74	472	25	27	-38	+.01	-1	-2
01-01-59 478679 1351854 5-71					24		10,152	4.74	481						
547864 MILLCREEK JEWEL SUPREME.....*		1	22	1-31	22	3.1	10,280	4.32	444	10	28	-36	-.06	-7	-7
04-29-59 475595 1665422 5-71					15		10,501	4.53	476						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
547878 ROSEWOOD NONAS VALOR.....*		6	16	1-33	28	2.8	11,890	4.72	561		24	37	+142	-.02	+5	+8
08-26-59 512972 1010804 5-71					23		11,713	4.78	560							
547886 DEERSHORN L GALLANT 8OY.....*		1	23	1-16	23	3.3	9,968	4.70	468		12	28	+31	+.04	+5	+5
11-14-58 483126 1199445 5-71					45		9,881	4.56	451							
547888 SPRUCE SHADOWS M MAGISTRATE...*		5	9	3-35,41,	18	2.9	8,895	5.07	451		0	37	-92	+.13	+8	+4
04-03-59 527413 1651469 5-71				47	18		9,095	4.71	428							
547903 VER DELL F DUDE.....*		8	2	4-23,31,	11	2.3	9,633	4.86	468		**	39	-182	+.09	0	-5
04-22-59 475548 1675124 5-71				32,63	23		10,159	4.63	470							
547920 8ONNIE 8OY OF HEATHER8RAE.....*		2	17	2-86,92	19	1.8	10,529	4.46	470		9	26	-114	-.01	-6	-8
03-15-59 496783 1581489 5-71					21		11,118	4.51	501							
547938 DITMARSIAS SUPREME.....*		3	13	2-42,47	27	3.3	10,526	4.60	484		15	42	+193	-.09	0	+5
09-01-59 533470 1193537 5-71					13		10,112	4.87	492							
547961 ANSMIL P LUCKY 8OY.....*		4	9	3-16,31,	21	2.8	9,823	4.94	485		19	40	-101	+.03	-2	-4
11-26-58 522976 1513486 5-71				42	22		10,130	4.91	497							
547969 PRICE 8LACK PEGGYS EXPLORADOR.		1	10	1-85	10	3.2	12,130	4.23	513		**	24	+155	-.01	+6	+9
09-23-59 465100 1465209 5-71					531		11,695	4.22	494							
547985 CHEDCO ACTORS PREMIER.....*		3	15	3-32,63,	23	2.6	8,814	4.54	400		16	34	-235	-.04	-15	-19
10-26-59 523823 1743446 5-71				72	23		9,491	4.70	446							
547988 CHEDCO SWEET8RIARS KING.....*	91-13	22	8	4-82,87,	62	1.9	10,019	4.87	488		29	65	-114	+.08	+2	-1
11-11-59 472563 1355138 5-71				91,92	20		10,259	4.77	489							
548026 EDISTO FARMS FLASHS JESTER....*		20	3	5-52,55,	35	1.5	11,119	4.49	499		**	61	+451	-.06	+15	+24
08-15-59 475548 1662061 5-71				56,57,63	31		10,468	4.57	478							
548036 8AYVILLE JOLLY MARKER.....*	52-01	54	4	4-23,52,	129	2.4	8,708	4.67	407		16	85	-119	-.04	-9	-11
01-05-59 504890 1638906 5-71				55,63	25		8,762	4.74	415							
548042 8AYVILLE SOUTHERN JUAN.....*		5	20	2-23,51	33	3.2	8,489	4.65	395		8	39	+69	-.04	-1	+1
04-11-59 340511 1485542 5-71					27		8,165	4.85	396							
548052 SHENMONT ROYAL LESLIE MARCUS..*	52-01	39	14	17-21,35,	107	1.6	10,556	4.46	471		17	67	+135	-.18	-11	-6
08-20-59 449539 1217284 5-71				52,55,85	62		10,436	4.72	493							
548055 MAPLE KNOLL ZERE JACK.....*		1	16	1-23	16	2.8	10,724	4.60	493		54	24	-7	.00	0	0
04-18-59 489188 1538322 5-71					26		10,884	4.64	505							
548057 OAR8Y MAPLE EDWARD.....*		2	14	2-31,58	18	3.4	8,168	4.87	398		**	30	-219	+.07	-4	-9
01-04-58 520252 1585931 5-71					32		8,809	4.65	410							
548087 QUAIL ROOST LOYAL TOKEN.....*		2	12	2-52,55	23	2.2	8,541	4.91	419		27	37	-419	+.03	-17	-25
08-12-59 528302 1176050 5-71					108		9,692	4.85	470							
548102 COL8YS SUPER8.....*	34-01	8	6	2-23,34	28	2.4	11,124	4.92	547		33	51	-12	+.05	+4	+3
05-28-59 516703 1237544 1-71					38		11,317	4.85	549							
548118 DEEP LAKE 8ON FLASH DEACON....*	61-02	38	2	5-31,33,	66	1.9	9,832	4.65	457		17	77	-124	-.04	-10	-12
09-22-59 496783 1604692 5-71				61,84,85	17		10,035	4.72	474							
548124 CASTLE 8RDOK ACTORS HORNET....*		9	2	6-16,21,	12	3.1	9,416	4.46	420		30	42	-125	-.07	-12	-13
09-09-59 512972 1770366 5-71				22,23,56	45		9,724	4.65	452							
548128 ROES MOR E DISTINCTION.....	35-21	53	4	8-33,35,	114	1.3	10,658	4.68	499		15	81	+656	-.01	+29	+41
04-25-59 493542 1062959 5-71				41,42,43	12		9,872	4.71	465							
548144 C R HOMESTEADS PRINCE.....*		2	12	1-31	14	3.8	11,729	4.31	506		8	28	+555	-.07	+19	+30
04-20-59 475595 1534385 5-71					6		9,791	4.48	439							
548149 HOWGLAO FARM FLASHS JUPITER...*		4	3	3-21,23,	10	2.2	8,550	4.76	407		**	34	-311	+.03	-12	-18
09-24-59 475548 1763157 5-71				63	36		9,463	4.70	445							
548156 DARI OALE FAME.....*		5	6	4-57,65,	22	2.5	8,498	5.02	427		11	46	-376	+.16	-3	-12
04-05-59 475548 1652637 5-71				82,92	20		9,284	4.69	435							
548194 MCDONALO FARMS RIVAL CAPTAIN..*		9	2	3-16,21,	14	2.6	10,564	4.91	519		8	45	+82	+.06	+10	+10
06-17-59 493168 1582424 5-71				23	23		10,462	4.80	502							
548195 MCDONALD FARMS MISTER CYRUS...*		3	8	1-21	11	3.8	10,078	4.90	494		0	29	+38	+.04	+6	+6
07-03-59 488786 1236921 5-71					16		9,985	4.78	477							
548196 MCDONALD FARMS JOLLY CALVIN...*		2	29	2-72,74	31	2.1	8,364	4.56	381		24	27	-292	+.02	-12	-18
07-07-59 439587 1810843 5-71					52		9,416	4.55	428							
548211 SPRINGDALE DORAS REX.....*		1	31	1-34	31	2.5	11,727	4.83	566		20	27	-29	+.06	+4	+3
04-07-59 460803 1576742 5-71					15		12,082	4.67	564							
548224 LAY LAINE LEADERS ROCKET.....*		1	33	1-58	33	1.5	11,185	4.07	455		34	25	-45	-.05	-7	-7
07-02-59 501987 1658781 1-71					92		11,566	4.24	490							
548233 SENRA8 MCNARCHS RULER.....*		2	18	1-35	20	2.6	10,055	4.50	452		16	28	-12	-.04	-4	-4
10-06-59 354073 1733042 5-71					11		10,155	4.64	471							
548235 8RICK CRESTS HOLLYS ATLAS.....		1	14	1-34	14	1.5	6,588	4.55	300		15	22	-247	.00	-11	-16
03-10-57 358152 1543686 5-71					5		7,516	4.59	345							
548256 GREEN NEEDLES MIRTHS AUTOCRAT.*		4	13	2-41,47	32	3.1	9,665	4.78	462		19	44	-268	+.04	-9	-14
01-16-59 501262 1084563 5-71					9		10,341	4.72	488							
548269 FIRESIOE FLASHLIGHT.....*		8	9	1-31	21	2.5	9,404	4.80	451		18	40	-28	+.07	+5	+3
10-05-59 475548 1615381 5-71					19		9,459	4.62	437							
548276 DEWAN FARMS NE AUTUMN CHIME...*		7	14	2-21,63	27	2.4	10,222	4.32	442		22	39	+181	-.10	-1	+4
09-25-59 536589 1692588 5-71					14		9,765	4.57	446							
548310 NORMANDY DUOE.....*		4	24	4-31,32,	31	1.4	8,643	4.86	420		32	28	-107	+.03	-2	-4
07-19-59 511379 1490573 5-71				35,72	8		8,957	4.77	427							
548347 8UTTERTON P R TOKENS LEADER...*		2	16	1-93	18	1.2	11,237	4.72	530		**	23	+190	+.05	+14	+17
07-21-59 537339 799968 5-71					32		10,499	4.49	471							
548378 GRAIN MEADOW V MATCHLESS.....*		4	7	3-32,58,	12	2.0	9,264	4.89	453		56	28	-92	.00	-4	-6
06-05-59 529456 965976 5-71				72	17		9,588	4.92	472							
548382 AUER 8OSWELLS P 8LEND.....*		6	10	2-13,16	23	2.3	9,656	4.71	455		15	38	+89	-.01	+3	+5
05-29-59 386844 1417480 5-71					19		9,401	4.74	446							
548385 CORVILLAS T MCDONALD.....*		7	13	5-32,33,	45	1.7	10,121	4.92	498		23	49	-263	+.13	0	-7
07-13-59 512215 1713319 5-71				35,65,72	56		10,770	4.71	507							
548386 ROSENDAHL LADYS NUGGET.....*		4	5	3-21,31,	14	2.7	11,514	4.77	549		15	38	-12	+.02	+1	+1
04-30-59 446983 1019808 5-71				61	26		11,762	4.74	558							
548393 FLO RAYS FASHION.....		3	7	1-33	10	2.8	8,363	4.77	399		14	27	+73	+.02	+5	+6
05-18-59 510955 1112148 5-71					7		7,919	4.68	371							
548432 ADOHR JOLLY BEATNIK.....*		3	9	1-93	13	2.1	9,886	4.91	485		27	27	-77	+.03	-1	-3
07-20-59 492607 1653617 5-71					16		10,240	4.84	496							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
548449 YELLOW CREEK S CHEERMAKER.....*	21-01	46	2	4-13,21,	66	2.1	9,047	4.93	446	23	79	-401	+.20	0	-10
03-02-59 475595 1060574 5-71				23,65	21		9,550	4.67	446						
548466 TUTTLE MONITA PREDICTION JOE..*		4	5	3-21,33,	14	2.4	9,290	4.73	439	**	35	+11	+.01	+1	+1
04-12-59 532737 1512816 5-71				43	29		9,218	4.71	434						
548471 KUHTZDALE COURAGEOUS.....*		1	16	1-65	16	3.3	7,770	4.52	351	13	27	-67	.00	-3	-4
04-30-59 392657 1505219 5-71					11		7,847	4.55	357						
548490 MIDDLETOWN CAESARS MAJESTIC...*		2	23	1-13	36	2.5	10,253	4.72	484	27	37	+37	-.03	-1	0
07-05-59 461785 1479330 5-71					7		10,209	4.85	495						
548499 LESLIE R ADJUTANT.....*		1	27	1-52	27	2.3	7,397	4.66	345	13	27	-143	+.05	-2	-5
10-30-59 449539 1221537 5-71					21		7,742	4.49	348						
548532 FLYING HORSE R KING.....*	91-13	20	6	3-86,91,	35	1.8	10,259	4.74	486	27	56	-20	-.01	-2	-2
10-22-59 514114 1649697 5-71				92	14		10,370	4.78	496						
548544 NORTHERN HERMES PETUNIA STAR..*		3	9	1-15	14	2.0	7,971	4.57	364	0	29	-292	.00	-14	-19
12-13-59 415425 1739107 5-71					10		8,919	4.62	412						
548569 WINACRES DORAS DUKE.....*		3	16	1-91	29	2.9	10,201	4.79	489	8	38	+97	+.07	+11	+12
10-09-58 468032 1188530 5-71					15		9,984	4.63	462						
548593 GREEN VALLEYS FLASH.....*		4	20	2-35,42	33	3.3	10,312	4.66	481	3	39	+75	+.03	+6	+7
09-11-59 475548 1509853 5-71					8		10,175	4.59	467						
548595 BROOKFIELD HERMES SUPREME.....*		1	11	1-63	11	1.6	5,734	4.71	270	**	21	-452	+.03	-18	-27
01-15-59 481002 1132070 5-71					9		7,700	4.53	349						
548609 HILDA ROY BEAUTY.....*		3	9	2-22,23	20	2.3	10,093	4.80	484	30	37	+111	+.01	+6	+8
08-19-59 493764 1381990 5-71					9		9,812	4.78	469						
548676 THREE CLIFFS FLASH EAGLE.....*		2	16	1-41	31	2.3	10,596	4.35	461	17	39	+349	-.03	+13	+20
01-10-60 475548 1629679 5-71					8		9,715	4.38	426						
548679 ANSMIL D ROYAL RULER.....*		4	26	3-31,42,	43	2.2	8,492	4.67	397	7	37	-71	-.01	-4	-5
05-04-59 507009 891370 5-71				58	29		8,579	4.72	405						
548688 MCDONALD FARMS ROYAL CAREER...*		3	20	2-31,72	25	3.2	9,096	4.97	452	9	32	-73	+.09	+5	+2
09-03-59 470604 1810852 5-71					13		9,290	4.67	434						
548689 MCDONALD FARMS ROYAL CHARTER..*		9	2	5-23,31,	13	2.5	9,422	5.13	483	20	43	-210	+.10	0	-5
09-08-59 470604 1805854 5-71				35,50,57	19		9,938	4.91	488						
548697 SENRAB SIR RODERIC.....		1	16	1-35	16	2.8	9,019	5.18	467	9	25	-15	+.11	+10	+8
09-18-59 534733 1804582 5-71					8		9,023	4.72	426						
548736 HIGH MEADOWS GALLANT JOE.....*	91-01	17	2	2-82,91	26	2.3	9,995	4.61	461	13	58	-65	-.08	-11	-11
08-30-59 534152 972756 5-71					13		10,160	4.77	485						
548761 CEDAR FRINGED KING.....*		1	26	1-23	26	2.5	8,886	4.54	403	36	26	-233	-.03	-14	-18
04-25-57 515411 1578467 5-71					29		9,787	4.73	463						
548765 FOREMOST HAPPY HIGH STRUNG....*		4	33	2-43,73	53	3.3	9,981	4.58	457	3	41	+368	-.06	+11	+19
05-11-59 533454 1514780 5-71					12		9,014	4.74	427						
548766 FOREMOST HAPPY PREDICTATOR....*		1	21	1-61	21	3.0	9,534	4.34	414	0	27	+176	-.03	+5	+9
06-01-59 533454 1633051 5-71					6		8,799	4.42	389						
548768 FOREMOST MISSOURIAN VALOR.....*		1	19	1-43	19	2.6	9,881	4.83	477	**	26	-156	+.04	-3	-7
06-22-59 496446 1630447 5-71					18		10,571	4.69	496						
548806 DEEP LAKE FLASHS MAJESTIC.....*		2	8	1-86	12	1.7	11,749	4.16	489	27	27	+236	-.06	+5	+10
10-24-59 475548 1422059 5-71					37		11,002	4.31	474						
548808 DEEP LAKE FLASHS SHEIK.....*		15	10	6-16,23,	39	2.4	9,127	4.83	441	7	53	-311	+.03	-12	-18
11-22-59 475548 1527971 5-71				31,50,51	26		9,720	4.81	468						
548809 DEEP LAKE FLASHS VALIANT.....*		1	41	1-74	41	2.2	9,968	4.51	450	23	28	+148	-.01	+6	+9
12-10-59 475548 1665994 5-71					56		9,409	4.52	425						
548820 CHEDCO BLANCHES WARRIOR.....*		4	19	2-82,91	25	2.1	11,871	4.83	573	22	30	+10	+.08	+8	+7
01-13-60 473833 1759461 5-71					24		12,082	4.60	556						
548832 MARFRED PRINCE ROMULUS.....*		3	5	1-56	11	2.4	9,608	4.62	444	17	32	-25	+.01	0	-1
06-02-59 492769 1332285 5-71					28		9,697	4.60	446						
548840 ROCK MOORS CORONATION KING....*		9	7	3-35,41,	24	2.5	9,730	4.88	475	6	46	-22	+.03	+2	+1
06-08-59 503449 1074752 5-71				57	32		9,796	4.84	474						
548853 KINGENDALE JOLLY DIAMOND.....*		2	10	1-32	12	1.8	11,689	4.33	506	0	24	+251	-.06	+6	+11
09-07-58 529903 1618108 5-71					16		10,741	4.50	483						
548863 MATOAKA HONOR.....*		1	45	1-58	45	2.4	9,181	4.13	379	16	29	-101	-.05	-9	-10
07-06-59 529009 931322 5-71					73		9,528	4.31	411						
548869 DOUGLASTON K DONNAS TRANSFER..*		2	12	1-21	15	2.5	10,224	5.10	521	14	27	-151	+.07	0	-4
10-29-59 453207 1646355 5-71					48		10,911	4.87	531						
548871 DEERSHORN RADIANT.....*		3	14	1-16	21	3.0	7,069	4.70	332	13	33	-276	-.02	-15	-20
03-02-59 515261 1618170 5-71					15		7,705	4.83	372						
548872 AUGUSTO AUTOCRAT FAVOR.....*		1	14	1-52	14	3.9	8,156	5.65	461	17	27	-232	+.14	+2	-4
03-15-59 532664 1447002 5-71					23		8,960	5.07	454						
548911 GRASSLAND SUPREMES PAT.....*		3	14	1-16	30	2.7	12,395	4.73	586	13	41	+411	-.01	+18	+26
08-04-59 530926 1433696 5-71					22		11,580	4.76	551						
548954 LAUXMONT CENTURION.....*		5	23	2-23,43	30	2.6	8,488	4.52	384	17	32	-55	-.02	-4	-5
01-12-60 456337 1742553 5-71					11		8,554	4.59	393						
548973 DEEP LAKE FLASHS PHAROAH.....*		1	21	1-63	21	3.8	9,296	4.67	434	11	28	-304	+.03	-11	-17
11-20-59 475548 1514633 5-71					55		10,459	4.59	480						
549025 DAIRYMAN JADINES VALIANT.....*		2	21	1-35	31	2.7	9,621	5.31	511	10	35	+54	+.07	+9	+9
09-14-59 475548 1238262 5-71					19		9,450	5.17	489						
549026 BAYVILLE LOYAL DON.....*		6	12	2-57,63	20	2.6	7,955	4.88	388	0	35	-62	.00	-3	-4
05-14-59 376230 1533430 5-71					24		7,970	4.94	394						
549035 KUHTZDALE PRINCE MOONLIGHT....*		1	21	1-35	21	2.2	9,241	4.83	446	20	25	-173	+.01	-7	-10
09-05-59 527466 873090 5-71					9		9,967	4.85	483						
549064 WILLOW BROOK K PHARO MO.....*		6	10	3-21,23,	21	2.4	10,673	4.61	492	29	38	+110	-.03	+2	+5
10-02-59 425345 1735678 5-71				56	19		10,465	4.69	491						
549068 WYNO STATELY HARLEQUIN.....*		10	6	6-23,43,	35	1.7	9,138	4.85	443	45	55	-402	+.16	-4	-14
05-27-59 488556 1690557 5-71				48,56,58	50		9,902	4.56	452						
549072 ELMWOOD JASON.....*		3	21	1-42	25	2.0	8,376	4.50	377	22	29	+136	-.04	+2	+5
07-25-59 534136 1674608 5-71					3		7,705	4.67	360						
549075 ELMWOOD RUTHS KING.....		1	13	1-42	13	2.3	9,177	4.72	433	**	24	-261	+.04	-8	-13
08-11-59 524220 925801 1-71					6		10,345	4.59	475						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
549095 FLYING HORSE ROSES ROYAL.....*		5	11	1-56	28	2.7	8,814	4.63	408	5	43	-353	+.01	-15	-22
02-03-60 496678 1502225 5-71					55		9,629	4.62	445						
549110 DEERSHORN L MONARCH.....*	16-04	24	1	3-13,14,	28	2.4	9,690	4.36	422	29	63	+51	-.21	-18	-14
08-06-59 483126 1035953 5-71				16	18		9,607	4.72	453						
549136 BELLE TERRE CONSTANT DESIGN...*		6	13	3-22,23,	22	2.4	9,656	4.70	454	11	34	-20	-.03	-4	-4
07-04-59 518091 1691632 5-71				51	16		9,727	4.83	470						
549141 BAYVILLE BRILLIANT LIGHT.....*		1	10	1-54	10	2.0	7,126	4.64	331	**	22	-182	-.02	-10	-13
08-10-59 475548 1567849 5-71					20		7,794	4.80	374						
549143 BAYVILLE JOLLY LEADER.....*		3	20	2-52,55	24	2.6	8,029	4.88	392	26	29	-359	-.01	-18	-24
09-03-59 504890 1799995 5-71					76		9,210	4.96	457						
549145 LANGWATER SUPREMES NOBLEMAN...*		2	9	1-22	14	2.1	10,670	4.68	499	9	28	+57	-.02	+1	+2
02-08-60 424926 1626381 5-71					12		10,561	4.72	499						
549147 CONOVERS MAXIM TOKEN.....*		2	22	2-22,23	24	2.8	9,575	4.89	468	5	29	+97	+.01	+5	+7
10-29-59 537339 1822317 5-71					78		9,196	4.89	450						
549163 KUHTZDALE PRINCE STAR.....*		4	5	1-35	15	1.3	11,348	4.87	553	**	33	+26	+.02	+3	+3
06-13-59 527466 947829 5-71					16		11,452	4.84	554						
549164 KUHTZDALE GRAND LOYAL.....*		2	8	2-35,65	12	2.5	8,804	4.58	403	**	30	-237	+.02	-9	-14
08-22-59 503883 1600465 5-71					9		9,604	4.53	435						
549170 CROSS ARROWS L MARSHALL.....*		5	4	1-56	10	1.9	8,595	4.35	374	44	29	-130	-.02	-8	-10
06-25-59 519937 1515032 5-71					36		8,987	4.47	402						
549198 NYALA HOPES BOND.....*		2	9	1-16	15	2.3	10,300	4.61	475	20	30	-131	-.04	-10	-12
08-15-59 496783 1945884 5-71					22		10,856	4.77	518						
549201 HILLSPRIDE EMBLEMS TROJAN.....*		1	13	1-93	13	2.5	7,921	4.65	368	**	24	-183	+.03	-6	-10
07-23-59 418022 1738248 5-71					13		8,575	4.56	391						
549210 MAR MAC KATS FLASH.....*		5	5	1-56	11	3.2	10,139	4.53	459	0	33	+3	+.01	+1	+1
07-07-59 475548 1491759 5-71					24		10,184	4.50	458						
549234 GAYOSO VIEW FAMES FABRON.....*	63-02	21	2	3-56,57,	36	2.0	10,119	4.40	445	17	65	+396	-.16	+2	+12
08-20-59 512974 1287512 5-71				63	18		9,498	4.64	441						
549235 GAYOSO VIEW TOP COMMAND.....*	33-03	753	6	44-00,00,	2,096	2.1	10,697	4.40	471	13	99	+783	-.27	+8	+27
08-23-59 512972 1408844 9-70				00,00,00	19		9,935	4.68	465						
549236 GAYOSO VIEW FAME SHERIFF.....*		3	5	1-65	10	2.0	8,307	4.31	358	17	28	+35	-.04	-2	-1
10-12-59 512974 1624314 9-70					16		8,017	4.49	360						
549237 GAYOSO VIEW FAME ROCKET.....*		12	4	6-32,33,	27	2.3	8,783	4.36	383	5	55	-119	-.13	-18	-18
11-02-59 512974 1352161 5-71				43,63,65	17		8,931	4.65	415						
549290 FLYING HORSE MASTERS KING.....*	23-09	73	3	1-23	140	2.5	9,293	4.87	453	11	88	-147	+.16	+8	+3
02-29-60 514114 934508 5-71					14		9,442	4.69	443						
549309 LAUXMONT BRILLIANT.....*		2	8	1-31	10	3.0	8,053	4.72	380	0	26	-209	+.03	-7	-11
02-08-60 510148 1730533 5-71					12		8,784	4.61	405						
549335 PRESTDALE F ARTIC.....*	35-21	31	7	9-35,41,	70	1.8	10,278	4.86	499	9	68	+137	+.10	+16	+17
01-17-60 475548 1781211 5-71				42,47,82	19		10,127	4.73	479						
549336 LAKE LOUISE PATSYS PRINCE.....*	91-13	63	4	6-21,82,	153	2.2	11,144	4.68	521	13	87	+361	+.02	+19	+25
10-17-59 517838 950680 5-71				86,91,92	15		10,851	4.65	505						
549342 BROWNIES FARMS OPTIMIST.....*	41-25	71	4	9-35,41,	131	2.3	10,711	4.52	484	12	86	+755	-.14	+20	+36
07-25-59 496783 1828972 5-71				43,47,92	14		9,857	4.69	462						
549355 WOODACRES PHARAOHS ANCHOR.....*		3	30	2-55,56	36	1.9	8,156	4.48	365	14	30	-170	-.02	-10	-13
05-23-59 533806 1587737 5-71					22		8,629	4.60	397						
549372 CHARLESCOTE M WINSTON.....*		9	7	7-11,13,	20	2.5	9,618	5.05	486	12	42	-250	+.16	+3	-4
05-23-59 530861 1676334 5-71				14,15,16	13		10,279	4.69	482						
549394 Q O JEDAS PIONEER.....*		3	10	1-33	23	1.9	9,122	4.56	416	17	38	-241	-.06	-17	-20
01-10-60 496783 1626446 5-71					13		9,766	4.77	466						
549429 U V M FLASH ROSCOE.....*		2	17	1-13	33	2.3	9,762	4.54	443	22	39	-25	-.02	-3	-3
01-22-60 475548 1614132 5-71					14		9,851	4.60	453						
549439 JOHN PLAINS V A VIRGIL.....		3	13	1-33	26	2.7	7,633	4.81	367	23	39	-247	+.07	-5	-11
08-28-59 533320 1817622 5-71					11		8,126	4.61	375						
549444 SUNNYMEDE CHIEFS LEADER.....*		5	4	2-42,43	13	2.9	8,385	5.01	420	42	39	-184	+.10	+1	-4
08-15-59 425345 1090713 5-71					19		8,780	4.73	415						
549446 ZEITLER ORPHIA BUTTERFINGER...*		12	14	4-23,50,	40	2.1	9,007	4.83	435	16	47	-229	+.05	-6	-11
07-13-59 459489 1415437 5-71				55,61	32		9,487	4.75	451						
549457 DULUTH P L FLASH.....*		2	26	1-41	28	2.8	9,989	4.68	467	16	29	+81	-.02	+2	+4
02-20-60 475548 1718064 5-71					5		9,719	4.75	462						
549467 CARMIL FARMS FOLLYS BONUS.....		1	11	1-41	11	2.7	9,912	4.41	437	10	23	+92	-.11	-6	-3
10-30-59 496783 1569702 5-71					18		9,493	4.95	470						
549471 WOOLSEY KING JOHNS RULER.....*		1	15	1-51	15	2.4	9,609	4.69	451	31	24	-94	+.01	-3	-5
11-25-58 518624 1492103 5-71					24		10,052	4.68	470						
549486 DUMAR FARM BONANZA LUCKY.....*		6	27	1-23	61	2.9	8,803	4.83	425	5	47	+11	+.09	+9	+8
07-17-59 496783 1696723 5-71					58		8,686	4.62	401						
549500 GREAT HILLS FLASHLAD.....*		2	13	1-14	24	3.0	11,736	4.48	526	25	38	+157	-.12	-4	+1
12-22-59 475548 1504076 5-71					7		11,510	4.78	550						
549511 DERRY MANOR AUGUSTUS.....*	21-10	45	3	7-11,12,	69	2.4	9,866	4.69	463	13	78	+12	-.01	0	0
02-12-60 446983 1615756 5-71				13,14,21	18		9,875	4.71	465						
549538 BROWNIES FARMS PRINCE.....*		9	5	3-86,91,	25	1.8	10,249	4.76	488	20	48	-297	+.04	-10	-16
10-21-59 496783 1664536 5-71				92	15		11,007	4.71	518						
549571 NEHER FARMS FLASHS SUPERIOR...*		1	21	1-73	21	2.6	10,426	4.34	453	5	27	+143	+.01	+8	+10
11-07-59 475548 1577987 5-71					14		9,923	4.24	421						
549578 OHIO LILAS VALOR.....*		3	17	2-56,64	21	2.4	9,069	4.47	405	18	29	-46	+.01	-1	-2
12-24-58 411580 1505764 5-71					77		9,185	4.45	409						
549588 WOODACRES EMPORER.....*	61-02	140	6	16-22,31,	389	2.0	10,912	4.69	512	14	93	+416	-.06	+13	+22
09-12-59 524479 1369854 5-71				32,34,56	16		10,559	4.77	504						
549596 EDISTO FARMS TRANSFER FRANSON.*		1	24	1-58	24	2.1	11,938	4.08	487	**	26	+104	-.06	-1	+2
09-04-59 453207 1186548 5-71					90		11,744	4.25	499						
549650 LYRENE QUEENS REX.....*		3	8	2-22,34	14	2.2	10,404	4.46	464	**	31	+170	-.08	0	+4
05-09-59 519557 1327379 5-71					21		9,888	4.70	465						
549658 GOLDEN GRANGE MAGIC FRED.....*		1	15	1-35	15	3.6	8,970	4.75	426	7	27	-106	+.01	-4	-6
03-26-59 509407 1268137 5-71					16		9,338	4.78	446						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
549661 COWAN FARMS FLICKA.....*		3	11	1-35	25	2.3	8,517	4.85	413		24	39	-216	+.06	-4	-9
12-10-59 528494 1733147 5-71					15		9,008	4.68	422							
549686 LAUXMONT GERONIMG.....*		2	29	2-31,56	31	2.1	8,371	4.84	405		0	28	-208	+.07	-3	-8
03-14-60 510148 1178521 5-71					13		9,058	4.58	415							
549722 NORGERTS BEA SHIRMAN.....*		3	8	2-33,43	18	2.8	9,301	4.50	419		12	38	-71	-.07	-10	-10
12-06-59 498183 1582581 5-71					22		9,474	4.73	448							
549729 MCDONALD FARMS ROYAL CHAMPION.*		4	15	3-23,55,	22	2.8	10,758	4.50	484		17	33	+61	-.04	-1	+1
11-29-59 470604 1538109 5-71				56	33		10,680	4.63	495							
549770 BELNEMUS BETSYS EMORY.....*		2	39	1-52	41	2.7	9,612	4.61	443		19	30	0	.00	0	0
11-09-59 486384 1759553 5-71					9		9,610	4.64	446							
549771 BELNEMUS PRE RUSTIC EMORY.....*		2	21	1-52	23	2.8	11,261	4.29	483		0	29	+304	-.14	0	+8
11-18-59 486384 1609451 5-71					13		10,274	4.77	490							
549772 BELNEMUS EMORY DANNY.....*		1	23	1-52	23	2.1	8,977	4.83	434		6	25	+7	+.01	+1	+1
12-24-59 486384 1231808 5-71					37		8,875	4.81	427							
549795 HARVEST GOLD BRENOAS BEACON...		3	12	1-82	20	1.6	8,230	4.90	403		**	31	-337	+.08	-8	-15
02-03-59 511584 1443529 1-71					2		9,285	4.63	430							
549818 WYE HEIGHTS RICHMOND.....*		5	16	4-23,33,	26	2.5	9,428	4.96	468		22	36	-4	+.04	+4	+3
01-22-60 527221 1749238 5-71				51,55	31		9,421	4.85	457							
549839 VALLEY VIEW VICTOR.....*		8	9	4-82,91,	26	2.5	10,361	4.90	508		15	45	-118	+.03	-3	-6
10-01-59 511627 1669555 5-71				92,93	38		10,738	4.88	524							
549863 BAY MEADOW BILLYS DOMINATOR...*	93-01	7	3	3-86,91,	11	1.8	10,594	4.50	477		**	35	-43	-.04	-6	-6
09-10-59 511244 1199134 5-71				93	48		10,843	4.65	504							
549869 KAMPLANDS FLASHS ROYAL.....*		3	7	3-31,34,	10	2.4	10,181	4.70	478		14	26	+91	.00	+4	+6
11-01-59 475548 1711062 5-71				63	16		9,861	4.73	466							
549878 BOEHLES HELENA PRINCE.....*		1	16	1-48	16	3.3	9,286	5.10	474		8	27	-138	+.08	+1	-3
01-15-60 521527 1750408 5-71					15		9,815	4.80	471							
549894 CASHMERS ACTOR DANNY.....*		3	9	2-33,35	20	2.4	9,147	4.58	419		6	39	+184	-.06	+3	+7
10-12-59 539686 1649901 5-71					13		8,562	4.75	407							
549899 LANGWATER SOUVENIR.....*		3	10	1-11	15	2.8	8,763	4.37	383		0	31	+95	-.05	0	+2
02-26-60 424926 1425949 5-71					14		8,330	4.50	375							
549900 LANGWATER MAJESTIC.....*		6	13	3-55,56,	22	3.3	10,274	4.56	468		5	37	-80	+.02	-2	-4
04-02-60 424926 1475755 5-71				57	54		10,591	4.52	479							
549915 GREGORY OF NOAHS ARK.....*		2	16	1-32	18	2.9	9,902	5.07	502		18	28	-16	+.03	+2	+1
10-25-59 463153 1786872 5-71					32		9,999	5.00	500							
549985 MARWIN F CLARENCE.....*		7	6	2-16,23	19	3.4	11,594	4.83	560		18	45	+83	+.09	+13	+13
03-07-59 475548 1522038 5-71					12		11,606	4.65	540							
549995 WINN SCOTSMAN MASTER.....*		4	8	1-48	17	2.9	9,022	4.67	421		13	37	-63	.00	-3	-4
01-19-60 536610 1447206 5-71					12		9,147	4.69	429							
549997 EGGLESTETTONS DANNY BOY.....*		2	16	1-52	20	2.5	9,202	4.41	406		0	29	-75	-.04	-7	-8
11-28-59 495300 1130331 5-71					43		9,443	4.56	431							
550010 HOMINY HILL BLAZE.....*		3	9	1-23	16	2.4	8,927	4.78	427		7	33	-120	+.04	-2	-5
10-31-59 520879 1191229 5-71					25		9,252	4.69	434							
550012 HOMINY HILL SENOR.....*		7	68	1-93	97	2.5	12,628	4.49	567		2	38	+326	-.07	+8	+15
11-12-59 536994 1808120 5-71					71		11,995	4.65	558							
550014 HOMINY HILL ACME.....*	35-21	41	11	5-16,23,	110	1.9	11,999	4.57	548		19	72	+571	-.11	+15	+27
12-18-59 489007 1801354 5-71				35,42,91	16		11,382	4.71	536							
550029 HAM FARM SWEETHEART L ENERGY..*		1	27	1-52	27	4.1	9,149	4.75	435		6	30	+55	-.01	+2	+3
09-06-58 518625 1196661 5-71					44		8,891	4.78	425							
550032 DINSMORE LANNIE.....*		5	20	2-56,58	38	2.0	7,166	4.55	326		**	39	-169	+.05	-3	-7
10-28-59 507258 1273695 5-71					140		7,382	4.38	323							
550056 PRICE BLACK SAOIES FLASH.....*		1	11	1-85	11	2.6	10,446	4.48	468		**	24	-185	+.07	-2	-6
12-25-59 475548 1530980 5-71					526		11,405	4.25	485							
550057 PRICE BLACK KORAS PRO.....*		1	12	1-85	12	2.6	11,937	4.32	516		**	24	+170	-.01	+7	+10
01-15-60 465100 1550700 1-71					455		11,400	4.30	490							
550064 ALCHRIST D SULTAN.....*		1	15	1-41	15	3.3	8,170	4.92	402		0	27	-97	+.05	0	-3
11-08-59 532157 1415742 5-71					7		8,409	4.79	403							
550066 DTTER MEADOW DUKE.....*		2	19	1-13	21	2.8	9,787	4.96	485		9	29	-131	+.09	+2	-2
09-18-59 487591 1559151 5-71					25		10,313	4.67	482							
550095 MEADOW LANE SUPREME CHRIS.....*		8	3	1-35	13	2.9	9,720	4.63	450		18	42	-284	.00	-13	-18
12-17-59 475595 1581635 5-71					23		10,483	4.66	488							
550098 COWAN FARMS FLASHS MARS.....*		2	20	1-35	30	1.9	10,889	4.35	474		4	32	+236	-.10	+1	+7
10-05-59 475548 1683345 1-71					15		10,210	4.63	473							
550099 COWAN FARMS FLASHS MAJOR.....		4	10	1-35	17	1.4	9,422	4.61	434		**	28	+126	.00	+6	+8
10-23-59 475548 1725821 5-71					21		8,905	4.60	410							
550119 SUNRISE LILYS V LANCER.....*		1	43	1-48	43	2.2	9,392	4.70	441		**	29	-28	-.03	-4	-4
09-03-59 455056 1540835 5-71					9		9,477	4.86	461							
550138 WILLOW VALLEY FARM B ERMINE...*		2	14	1-57	16	1.8	8,202	4.33	355		9	25	-115	-.05	-10	-11
12-01-59 496783 1646989 5-71					11		8,559	4.60	394							
550142 LAUXMONT CALIPH.....*		4	38	4-22,23,	46	1.9	8,584	4.65	399		12	30	-197	-.04	-13	-16
04-04-60 539151 1534540 5-71				56,58	76		9,197	4.85	446							
550149 BELMONT VIEW REMUS CHAMPION...*		5	14	2-55,56	24	2.7	9,466	4.53	429		17	36	-142	+.01	-6	-9
01-14-60 516907 1206825 5-71					49		9,889	4.54	449							
550160 AUKEMA DAIRY J SUN.....*		2	15	1-22	17	2.8	8,569	4.46	382		36	27	-182	-.01	-9	-12
12-25-59 543374 1844969 5-71					52		9,191	4.53	416							
550183 ANTHONY OF AL BRO.....*		4	5	2-52,55	14	3.0	10,189	5.13	523		0	39	+44	+.14	+16	+14
11-10-59 405706 1622176 5-71					20		10,125	4.80	486							
550199 CLEARBRANCH FLASH JEWELER.....*		3	34	3-56,57,	43	2.4	9,993	4.80	480		6	32	-8	+.01	+1	+1
09-25-59 475548 1739216 5-71				63	116		10,063	4.76	479							
550205 HIGH MEADOWS JOLLY DUKE.....*		3	13	2-21,91	17	1.9	11,637	4.64	540		38	27	-94	-.04	-8	-9
08-11-59 439587 1615451 5-71					26		12,247	4.79	587							
550206 SPAR HILL BONANZA.....*		6	2	4-23,31,	10	1.8	8,779	5.41	475		25	33	-293	+.16	+1	-7
11-26-59 496783 1694653 5-71				50,56	15		9,675	4.92	476							
550208 VALLEY ROGUE DOMINIC.....*		1	16	1-92	16	3.4	11,055	4.79	529		0	27	+51	+.05	+7	+7
09-23-59 472164 1202066 5-71					30		11,005	4.62	508							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
550232 WESTLYNN NEROS NAVAHO.....*		8	4	3-82,91,	21	2.2	10,007	4.79	479	0	48	-122	.00	-6	-8
09-17-59 520988 991719 5-71				92	23		10,334	4.82	498						
550264 HANSENAREA BEACON.....*	11-01	24	2	2-11,21	33	2.5	10,184	4.76	485	14	67	+206	+.05	+14	+17
06-28-59 475548 1722545 5-71					9		9,902	4.71	466						
550311 SPUDRIDGE NECTAR SUPREME.....*		2	8	1-32	10	3.1	12,254	5.07	621	20	25	+365	+.02	+19	+25
01-19-60 418022 1746682 5-71					12		10,938	5.10	558						
550323 KLONDIKE FERNS THERON.....*		1	15	1-56	15	2.1	8,280	4.75	393	0	24	-122	+.03	-3	-6
11-18-59 495007 1739204 5-71					45		8,711	4.67	407						
550326 KAMPLANDS FLASHS MAJOR.....*		3	8	2-34,63	11	2.3	9,418	4.78	450	30	27	-183	+.02	-7	-11
01-22-60 475548 1802442 5-71					15		10,164	4.74	482						
550354 HANOVER HILL PRE STEADFAST....*		6	10	4-32,33,	24	2.1	9,592	4.69	450	29	39	-94	-.05	-9	-10
11-22-59 503099 1666306 5-71				72,84	29		9,858	4.85	478						
550356 HANOVER HILL CONQUEROR.....*		3	38	2-21,55	42	2.6	9,899	4.51	446	16	30	+49	-.05	-3	-1
01-06-60 503097 1469298 5-71					27		9,750	4.72	460						
550422 GIPPY FLASH.....*		6	33	2-56,57	70	1.7	9,366	4.74	444	27	42	-413	+.11	-9	-18
02-09-60 475548 1357226 5-71					49		10,426	4.52	471						
550426 ECKMANS FRANCINES FRALOREN....*		3	26	1-48	30	2.7	10,310	5.42	559	19	30	-154	+.05	-2	-6
11-01-59 467224 939208 5-71					16		10,963	5.33	584						
550428 GYPSY BONANZAS LINCOLN.....*		4	10	2-86,93	18	1.6	10,531	4.39	462	**	32	-84	+.02	-2	-4
01-23-60 496783 1657195 5-71					37		10,931	4.33	473						
550449 COULEE COUNTRY BONANZA.....*		6	5	3-35,47,	17	4.5	10,386	4.56	474	0	46	+28	.00	+1	+2
11-10-59 496783 1432442 5-71				71	9		10,401	4.57	475						
550462 SHAMROCK BON WATCHFUL.....*		3	66	2-86,93	70	1.8	13,223	4.58	606	7	29	-67	+.17	+13	+9
11-18-59 496783 1601332 5-71					90		13,888	4.13	574						
550465 WANDAMERE D DUKE.....*		2	18	1-92	20	1.7	9,026	4.51	407	**	25	-264	.00	-12	-17
11-18-59 534178 1823886 5-71					53		10,133	4.53	459						
550511 K NAOMIS VIRGELS TRAVELER.....*		5	6	3-16,22,	17	2.4	9,947	4.84	481	20	39	-151	+.01	-6	-9
09-01-59 512972 1546923 5-71				32	19		10,412	4.84	504						
550522 MAPLE LAWN BOLIN.....*	21-01	57	1	5-21,22,	66	2.6	9,993	4.37	437	15	81	+70	-.25	-21	-16
01-01-60 496783 1686170 5-71				23,63,73	20		9,937	4.69	466						
550569 COLBYS TARZAN.....*		5	11	2-33,35	25	2.9	8,449	4.90	414	0	41	-204	+.07	-3	-8
11-10-59 539441 1666248 5-71					11		8,868	4.76	422						
550570 COLBYS SQUIRE.....*		2	33	1-31	35	3.2	11,217	4.55	510	3	31	+449	-.07	+14	+23
11-11-59 516703 1527282 5-71					5		9,774	4.76	465						
550574 METZGER FARMS B VALROYAL.....*		3	15	2-32,72	20	2.6	11,663	5.02	586	6	31	+100	+.04	+9	+10
01-01-60 496783 1543739 5-71					18		11,531	4.94	570						
550580 SPRING RIDGE NOBLE LAD.....*		11	16	4-33,35,	41	2.0	10,728	4.74	509	14	45	+49	+.02	+4	+5
11-19-59 382418 1416760 5-71				41,85	32		10,728	4.73	507						
550586 LYRENE BENS SULTAN.....*		10	5	4-31,32,	25	2.9	10,293	4.85	499	16	52	-80	+.04	0	-2
03-21-60 530460 1753006 5-71				34,48	28		10,539	4.78	504						
550591 GERAR JOLLY BOSWELL.....*		2	41	1-51	43	3.6	7,830	4.97	389	18	31	-166	-.01	-9	-12
05-16-59 529908 1431731 5-71					17		8,221	5.07	417						
550639 BAYVILLE JOLLY KING.....*		3	8	2-52,54	18	2.1	8,760	4.49	393	31	36	-88	-.08	-12	-12
12-21-59 504890 899617 5-71					98		8,936	4.78	427						
550641 BAYVILLE JOLLY SNOW KING.....*		6	10	4-23,52,	26	2.0	8,900	4.81	428	21	42	-232	+.06	-5	-10
12-28-59 504890 1431059 5-71				56,63	25		9,439	4.68	442						
550667 WOODACRES NOVELTY KING.....*		8	10	3-41,42,	29	1.9	8,121	4.90	398	41	43	-526	+.11	-14	-25
01-11-60 523825 1696988 5-71				47	13		9,306	4.63	431						
550668 MCDONALD FARMS JOLLY DEFENDER.*		5	7	4-15,21,	14	2.2	9,781	4.80	469	0	32	-170	+.06	-2	-6
02-14-60 439587 1841359 5-71				23,51	36		10,394	4.64	482						
550669 MCDONALD FARMS JOLLY DOCTOR...*	35-05	24	2	1-35	36	2.2	8,843	4.90	433	21	67	-635	+.16	-15	-29
02-23-60 439587 988072 5-71					16		9,814	4.67	458						
550670 MCDONALD FARMS RIVAL DANDY....*		12	6	4-42,47,	34	2.1	8,627	5.02	433	14	56	-254	+.08	-4	-10
03-18-60 493168 1759971 5-71				48,84	19		9,024	4.90	442						
550693 WALKER FARMS ZEUS.....*		1	42	1-65	42	2.2	10,632	4.68	498	3	28	+56	.00	+3	+4
11-04-59 431108 1331702 5-71					113		10,525	4.68	493						
550712 EMBLEMS MISSILE OF WESTLANE...*		1	23	1-93	23	2.0	9,827	4.90	482	**	26	+33	+.03	+4	+4
10-15-59 418022 1737845 5-71					60		9,706	4.83	469						
550715 PRAIRIE LODGE WYN.....*		2	13	2-41,42	15	1.9	8,777	4.57	401	43	25	-96	-.04	-8	-9
08-03-59 522802 1805951 5-71					10		9,117	4.76	434						
550742 COVE VIEW FLASHS DYNAMITE.....*		2	22	1-43	24	3.3	8,622	4.70	405	13	30	+52	-.02	0	+1
10-15-59 475548 1554244 5-71					18		8,316	4.82	401						
550758 BROOKBERRY JOLLY MONITOR.....*		22	9	8-52,55,	50	2.3	10,532	4.60	484	9	60	+79	.00	+4	+5
12-18-59 518023 1748463 5-71				56,57,74	40		10,485	4.59	481						
550772 WESTERN GLOW MELBAS CHAMPION..*	91-11	58	20	21-31,35,	186	1.2	11,734	4.31	506	14	72	+274	-.15	-2	+5
09-12-59 422711 1830678 5-71				42,85,91	171		11,546	4.48	517						
550778 WESTERN GLOW KNIGHTS LUDLOW...*		4	9	2-82,86	17	1.9	10,535	4.39	462	**	33	-66	+.02	-1	-3
12-19-59 525910 1882957 5-71					42		10,858	4.35	472						
550786 MANOR LILLIANS BENEDICT.....*		2	14	1-51	22	2.6	8,568	4.86	416	6	33	-306	-.05	-19	-24
07-19-59 516284 1753569 5-71					55		9,486	5.07	481						
550793 SPAR HILL GOVERNOR.....*	33-03	117	3	25-21,23,	218	1.3	9,230	4.79	442	35	90	-972	+.09	-37	-56
01-22-60 524993 1511048 1-71				51,52,56	24		10,392	4.71	489						
550794 PRAIRIE LODGE PRECISION.....*		2	8	1-42	10	4.0	8,910	4.81	429	0	26	+79	+.02	+6	+7
11-04-58 522802 1491607 5-71					12		8,496	4.73	402						
550811 HOB NOB GLEES JUBILEE.....*	11-01	40	4	4-11,12,	85	2.2	8,950	4.49	402	23	80	-435	-.14	-33	-39
04-11-60 532698 1871536 5-71				15,55	11		9,483	4.68	444						
550819 ALVADEAN NOBLE JEFF.....*		2	14	1-35	26	2.7	9,472	4.82	457	25	38	+34	+.06	+7	+7
07-29-59 537405 1640756 5-71					12		9,356	4.67	437						
550839 GOLDEN GRANGE MAGIC RAIDER....*		2	9	1-32	11	2.3	9,752	4.63	452	30	25	+42	-.05	-3	-1
09-10-59 509407 1103034 5-71					16		9,576	4.93	472						
550850 SPARTAN PRELUDE BUTCH.....		1	16	1-35	16	3.0	6,956	4.84	337	11	26	-325	+.05	-10	-17
08-22-59 443144 1703613 5-71					13		8,032	4.62	371						
550852 DEEP LAKE FLASHS PHILOSOPHER..	41-01	41	4	5-41,42,	75	1.9	9,122	4.82	440	20	76	-253	+.08	-4	-10
01-20-60 475548 1290353 5-71				45,46,82	8		9,435	4.74	447						

REGISTRATION NUMBER NAME DF BULL	STUD CODE	NUMBER DF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
550864 ADLYNN ACRES MDNITDR.....		2	13	1-35	18	2.9	9,080	4.81	437	11	32	-30	+.01	0	-1
01-25-60 525738 1727985 5-71					12		9,128	4.77	435						
550909 VALLEYLAND ROYAL OUKE.....*		1	15	1-35	15	1.7	8,140	4.63	377	14	23	-164	+.05	-3	-7
C1-31-60 533507 1792017 5-71					8		8,766	4.44	389						
550918 WESTERN GLDW PEARLS TRAVELER..*		2	11	1-91	13	3.3	12,336	4.73	583	31	27	+100	-.03	+2	+4
C6-08-60 535338 1C72901 5-71					10		12,229	4.82	589						
550919 CHEDCD JANETS KING.....*	23-09	98	5	7-22,23,	262	2.2	9,633	4.62	445	15	92	+213	-.06	+4	+9
04-28-60 472563 1258202 1-71				31,51,63	15		9,375	4.69	440						
550931 DUMAR FARM FLAMES DAN.....*		8	1	3-23,56,	10	1.6	10,304	4.53	467	33	35	+120	-.06	0	+3
12-08-59 514317 1638867 5-71				65	33		9,998	4.68	468						
550940 IDEALS LEANDER.....*	93-02	11	4	3-33,92,	27	1.3	9,559	4.99	477	**	51	-432	+.22	0	-11
08-17-59 532698 1669260 5-71				93	74		10,497	4.60	483						
550942 FRANCHESTER CECILIAS 8ONANZA..*	61-02	379	10	27-31,32,	1,421	2.2	10,119	4.58	463	16	98	+493	-.07	+16	+26
11-08-59 496783 1204512 5-71				33,56,58	35		9,611	4.64	446						
550943 FRANCHESTER CECILIAS MDDEL....*	35-21	70	5	6-31,35,	198	1.9	9,871	4.87	481	15	89	-7	+.17	+16	+13
01-27-60 496783 1851126 5-71				42,72,86	20		9,908	4.69	465						
550956 MAPLE DAWN MAGAR WAOE.....*		3	9	1-34	13	2.5	11,697	5.15	602	25	29	+220	+.11	+21	+23
02-11-60 440484 1142537 5-71					16		11,073	4.85	537						
550957 MAPLE DAWN 8EACDN HAL.....*		3	17	1-34	35	2.1	10,504	5.01	526	16	41	+52	+.06	+8	+8
02-21-60 481593 1632286 5-71					11		10,458	4.91	513						
550973 LAND OF LIVING KING A 8ELLE...*		3	8	1-31	14	1.6	10,587	4.74	502	11	29	+123	+.03	+9	+11
07-20-59 506313 1623542 5-71					8		10,224	4.64	474						
550982 SPRING HILL 8DNANZA PAT.....*		2	13	1-21	15	2.1	8,510	4.88	415	43	25	-188	+.07	-2	-7
11-07-59 496783 1657164 5-71					13		9,226	4.62	426						
551002 L F CANDYS MAN.....*		1	24	1-31	24	2.7	8,440	4.81	406	6	27	-270	+.08	-5	-11
01-29-60 472164 1797382 5-71					13		9,415	4.50	424						
551007 SUNNY CREST SAINTS LADDIE.....*		10	10	4-23,52,	63	1.9	9,092	4.83	439	23	63	-178	+.09	0	-5
11-22-59 539419 1503547 5-71				55,56	22		9,351	4.71	440						
551015 FDREMDST HAPPY VALOR.....*		6	12	2-43,84	30	2.9	10,516	4.36	459	26	44	+279	-.09	+4	+11
01-30-60 533454 1538317 5-71					48		9,902	4.53	449						
551025 WELCOME WISTFUL 8ONANZA.....*		4	6	2-21,23	19	3.1	10,415	5.16	537	6	43	-351	+.18	0	-9
01-16-60 496783 1428551 5-71					17		11,417	4.79	547						
551065 CRESTWDOD PEDRD.....*		3	8	1-41	11	2.4	9,123	5.13	468	33	27	-82	+.11	+7	+4
C6-22-60 517801 1687562 5-71					8		9,407	4.71	443						
551087 MAURANA 8UTTERFAT GEORGE.....*		7	10	1-48	29	2.3	8,994	5.07	456	8	44	-188	+.09	0	-5
02-17-60 493764 1510922 5-71					16		9,397	4.90	460						
551088 MAURANA 8 8TFT CHANCELLDR.....*		7	5	3-23,32,	19	1.7	8,190	4.64	380	**	40	-304	+.04	-10	-16
02-23-60 493764 1179397 5-71				72	24		8,872	4.54	403						
551089 MAURANA S 8TFT WILLIE.....*		1	21	1-32	21	2.1	9,837	4.91	483	42	25	+43	+.03	+5	+5
02-29-60 527868 1041791 5-71					13		9,669	4.81	465						
551096 GUERNGDLD FLASH.....*	91-11	24	11	5-21,31,	77	2.2	10,284	4.72	485	4	66	+284	-.03	+10	+16
11-29-59 475548 1635000 5-71				35,41,42	11		9,879	4.79	473						
551100 DEWAN FARMS NE 8ARON.....*		3	7	1-21	14	2.0	8,900	5.08	452	43	32	-398	+.11	-8	-17
05-18-60 536589 1686008 5-71					11		10,223	4.73	484						
551151 LOVELORN CHIEF DF REXOEN.....		1	30	1-13	30	3.8	7,004	4.67	327	0	30	-329	+.04	-12	-18
11-29-58 425345 1484946 5-71					19		7,919	4.56	361						
551156 U DF M G MASTER.....*	41-01	14	11	2-35,41	47	1.8	11,096	4.88	542	7	53	+135	+.11	+17	+18
05-31-60 440484 1770287 5-71					11		10,974	4.70	516						
551162 SUNNYMEOE FLASH.....*		3	7	1-43	16	2.6	10,158	5.10	518	7	36	-38	+.14	+12	+9
12-26-59 475548 1678550 5-71					21		10,335	4.73	489						
551180 VIADUCT GDODMAN.....*		1	14	1-41	14	2.5	6,729	5.02	338	**	24	-371	+.02	-15	-22
08-30-59 532284 1686374 5-71					49		8,101	4.93	399						
551183 MT ARARAT 8RIGHT ATLAS.....*		1	21	1-51	21	2.8	10,344	4.59	475	16	27	+97	+.01	+5	+7
01-30-60 514133 1429794 5-71					37		10,024	4.58	459						
551189 8OEUF VALLEYS TOP SUPER8.....*		3	14	2-43,72	29	2.2	8,338	4.73	394	13	39	-496	+.08	-16	-26
06-17-59 517800 1151762 5-71					14		9,618	4.54	437						
551194 HOMINY HILL TREASURE.....*		7	15	3-23,51,	42	1.5	9,407	4.66	438	24	44	+24	-.02	-1	0
03-15-60 422711 1150418 5-71				58	25		9,321	4.75	443						
551226 PRAIRIE HOME GLORYS 8ONANZA...*		1	28	1-45	28	1.5	13,927	4.90	682	**	25	+349	+.04	+20	+26
11-26-59 496783 1703144 5-71					4		12,828	4.82	618						
551257 MCDONALDS JOLLY DALE.....*		3	11	2-21,57	25	2.4	8,670	4.95	429	18	40	-276	+.08	-5	-11
02-13-60 439587 1754516 5-71					41		9,337	4.77	445						
551259 MCDONALD FARMS R L DUDE.....		2	7	1-32	14	2.4	9,870	4.43	437	10	33	-162	+.03	-5	-8
06-06-60 487032 1381417 5-71					51		10,443	4.36	455						
551260 CLDVERLAND Q CHAMPION.....*		4	14	3-22,23,	19	2.6	9,935	4.68	465	10	31	-104	+.02	-3	-5
02-22-59 415353 1151484 5-71				51	33		10,344	4.66	482						
551271 HAWL JUN CLIPPER.....*		3	19	1-82	24	2.4	9,326	4.40	410	**	30	-101	-.03	-8	-9
01-04-59 519763 1464793 5-71					9		9,665	4.54	439						
551278 WDODACRES CDRDNATIDN CHIEF....*		1	48	1-33	48	2.3	11,393	4.99	569	27	28	-105	+.09	+4	+1
01-14-60 425345 1450157 5-71					9		12,005	4.73	568						
551280 ROYLU FDRE MASTER.....*		4	4	1-33	11	1.9	8,038	4.83	388	17	32	-200	+.01	-8	-12
03-17-59 526134 1710955 5-71					5		8,564	4.83	414						
551338 HOLLANDS LOYAL DIGIT.....*		1	15	1-35	15	3.7	8,825	4.71	416	0	27	-25	+.06	+5	+4
02-02-60 444417 1026119 5-71					9		8,840	4.46	394						
551351 PASTURE HAVEN SUPREMES TIDE...*		3	16	2-32,72	20	2.5	10,820	4.91	531	21	29	-38	-.01	-3	-3
11-26-59 475595 1668868 5-71					11		11,099	5.00	555						
551355 GOLDEN GRANGE P V LESTER.....*		1	31	1-32	31	2.0	9,902	4.78	473	35	26	+27	+.02	+3	+3
01-26-57 515499 1552921 5-71					6		9,818	4.74	465						
551370 RDETTA 8LOSSOMS OR8IT.....*		11	26	4-82,91,	61	2.4	10,148	4.68	475	12	46	-222	-.10	-20	-22
12-03-59 540160 1768709 5-71				92,93	36		10,742	4.92	528						
551401 WESTLYNN 8 JASON.....*		1	13	1-82	13	4.2	9,247	4.62	427	0	27	+29	-.01	0	+
07-27-59 496783 1566233 5-71					11		9,085	4.66	423						
551406 GRAIN MEADDW 8FT COUNT.....*		12	12	6-31,32,	48	2.3	9,441	4.58	432	20	55	-243	.00	-11	-1
03-20-60 534741 1519022 5-71				42,43,65	21		9,912	4.58	454						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
551429 NORMANOY ROYAL NO8LE.....*	35-05	14	2	3-32,35,	25	2.6	9,182	4.40	404	19	59	-276	-.15	-27	-30
07-17-59 453207 1435047 5-71				41	15		9,659	4.69	453						
551455 PRE EMINENT HERMES EMORY.....*		13	3	5-43,47,	28	2.1	8,796	4.73	416	9	58	-160	+.09	+1	-3
12-03-59 415425 1544653 5-71				48,72,73	25		9,015	4.55	410						
551464 SPAR HILL MAJOR.....*		1	39	1-23	39	2.2	8,958	4.99	447	16	28	-320	+.05	-10	-17
01-16-60 524993 1694662 5-71					27		10,163	4.82	490						
551468 HULMARCO MELBAS HORNET.....*		1	17	1-35	17	3.4	8,754	4.99	437	13	27	-211	+.05	-5	-10
11-27-59 467419 1436528 5-71					13		9,537	4.83	461						
551481 LONG LANE C CHAMP.....*		2	17	1-23	19	3.3	11,059	4.97	550	6	29	+172	+.02	+10	+13
12-07-59 422711 1490918 5-71					16		10,567	4.94	522						
551509 SUNESLOPES BON BEMAN.....*		3	9	2-41,42	12	2.0	7,166	5.14	368	25	26	-249	+.08	-4	-10
11-29-59 496783 1296024 5-71					15		7,957	4.76	379						
551517 DEERPATH EMORYS GORDON.....*		4	9	3-21,52,	14	2.1	9,470	5.04	477	0	30	-332	+.11	-5	-13
04-05-60 412729 1421872 5-71				57	39		10,706	4.71	504						
551529 NYALA BONANZAS ONWARD.....*		4	18	2-14,16	34	2.4	11,390	4.71	536	25	38	-69	-.04	-7	-8
12-26-59 496783 1604698 5-71					21		11,788	4.84	570						
551539 COGNIACS 8RILLIANT HENRY.....*		2	38	2-31,61	40	2.2	10,289	4.89	503	3	29	-170	+.05	-3	-7
12-23-59 540033 1841516 5-71					13		11,021	4.75	524						
551549 SPRING COULEE LEO.....*		1	10	1-35	10	4.5	8,427	4.49	378	0	25	-136	.00	-6	-9
04-19-60 539273 1261970 5-71					7		8,895	4.52	402						
551556 BENIGN 8ONANZA ERMAS KENT.....*		1	19	1-72	19	3.5	8,522	4.45	379	0	28	-98	.00	-5	-7
02-05-60 496783 1690657 1-71					98		8,787	4.48	394						
551558 PLYMOUTH LANE OULCES SUPREME..*		3	12	1-32	16	4.2	12,366	4.83	597	0	32	+376	-.05	+12	+20
11-18-59 475595 1444793 5-71					16		11,356	5.05	573						
551559 HOLLIKNOLL BONDS DANNY.....*		1	27	1-52	27	2.1	9,643	4.92	474	23	26	-48	-.02	-4	-5
08-22-59 446227 945721 5-71					12		9,853	5.05	498						
551565 LAUXMONT FELIX.....*		9	5	6-23,51,	22	1.7	10,162	4.52	459	20	45	+26	-.01	0	+1
07-09-60 456337 1445249 5-71				52,55,85	32		10,155	4.56	463						
551579 F S C FLASHS ROSE CHEROKEE....*		2	15	1-93	17	2.4	10,686	4.88	522	33	27	-247	+.06	-6	-11
12-01-59 475548 1720732 5-71					7		11,842	4.72	559						
551583 HOMINY HILL LYNN.....*	21-10	62	5	7-12,13,	136	2.4	10,551	4.74	500	19	85	+12	.00	+1	+1
01-26-60 453762 1759681 5-71				14,15,16	18		10,637	4.74	504						
551595 SOUTH BAYS M PRESIDENT.....*		1	12	1-91	12	2.4	8,651	4.59	397	29	23	-102	-.03	-8	-9
01-07-60 535234 1522111 5-71					15		9,031	4.82	435						
551596 IOEALS MENTOR.....*		9	6	4-22,23,	20	2.9	10,241	4.96	508	0	44	+14	+.03	+4	+4
10-29-58 532698 1665599 5-71				52,58	88		10,274	4.92	505						
551610 FRANCHESTER CECILAS VIRGEL....*		2	12	2-31,61	14	3.9	9,611	4.81	462	0	29	-117	+.02	-4	-6
04-13-60 512972 1611839 5-71					65		10,055	4.79	482						
551625 GRAYSMARSH DOLPHIN.....*		8	13	3-82,86,	33	2.4	11,043	4.79	529	8	44	+197	+.11	+20	+22
11-01-59 533481 1669366 5-71				91	39		10,700	4.56	488						
551664 ELMWOOO BUNNYS ELROY.....*		1	15	1-35	15	3.9	11,553	4.68	541	**	28	+374	-.04	+13	+20
05-14-60 537715 1687067 5-71					6		10,256	4.85	497						
551672 HOLLIKNOLL 8ONDS BORKMAN.....*		7	2	6-22,23,	12	1.9	9,455	4.69	443	50	38	-288	+.03	-11	-17
10-11-59 446227 1529120 5-71				35,52,55	62		10,277	4.65	478						
551707 ALPINE ROSE SECRET ECHO.....*		2	37	1-31	39	3.3	10,281	4.83	497	6	31	+212	-.02	+8	+12
01-02-60 529242 1342861 5-71					7		9,586	4.92	472						
551714 PRE EMINENT SUSIES FANCIER....*		3	7	1-35	15	1.2	9,492	4.61	438	10	30	+50	-.01	+1	+2
01-29-60 532698 1806865 5-71					5		9,295	4.67	434						
551716 CALM SET 8ONA 8OY.....*		1	14	1-42	14	1.4	10,278	4.75	488	**	22	+105	.00	+5	+7
04-07-60 496783 1848331 5-71					15		9,807	4.77	468						
551733 GRAND VIEW CHIEFTAIN VALOR....*		2	31	2-55,72	40	2.3	9,321	4.35	405	10	33	-244	-.06	-17	-20
01-31-60 495409 1717052 5-71					30		10,121	4.57	463						
551743 ANSMIL AUGUSTAS PREMIER.....*		4	5	1-31	12	3.9	11,267	4.14	466	8	37	+274	-.15	-2	+5
07-02-60 522976 1760837 5-71					15		10,627	4.48	476						
551745 ANSMIL P PRINCE.....		1	12	1-31	12	2.9	9,442	4.62	436	0	24	+144	-.03	+4	+7
08-11-60 522976 1771755 5-71					7		8,764	4.74	415						
551753 MAPLE LAWN BOOELL.....*		2	13	1-21	15	2.5	9,528	4.65	443	21	26	+140	+.02	+8	+10
01-06-60 496783 1763592 5-71					23		8,917	4.58	408						
551759 KLONOIKE JOLLY AIM.....*		13	3	5-55,56,	23	2.6	8,084	4.84	391	5	54	-376	+.11	-7	-16
01-16-60 518023 1625805 5-71				57,58,64	33		8,695	4.62	402						
551760 KLONOIKE JOLLY BEACON.....*		1	51	1-56	51	2.2	9,175	4.81	441	25	28	-227	+.03	-8	-13
02-01-60 518023 1357230 5-71					16		10,028	4.77	478						
551761 KLONOIKE JOLLY SIGNAL.....*		12	2	5-52,55,	17	2.5	8,962	4.73	424	21	50	-168	+.08	0	-4
02-20-60 518023 1058169 5-71				56,58,64	27		9,266	4.54	421						
551825 BRIGHTWOCO COUNTRY OUKE.....*		1	15	1-51	15	2.8	9,175	4.56	418	7	25	+16	-.03	-2	-1
08-26-59 530796 1439216 5-71					18		9,052	4.72	427						
551846 SHAMROCK PRECISES PARAGON.....*	87-01	14	5	5-54,82,	37	1.5	9,003	4.80	432	41	56	-352	+.12	-5	-13
03-10-60 496783 1199690 5-71				83,86,87	24		9,637	4.60	443						
551885 MCOONALO FARMS R L OIVIOEND...*	31-02	18	3	11-21,23,	32	2.1	11,589	4.52	524	4	61	+407	-.10	+9	+18
07-06-60 487032 1582424 5-71				31,32,34	29		11,060	4.67	516						
551886 MCOONALO FARMS ROYAL OANNY....*		10	2	4-21,23,	15	1.7	8,123	4.69	381	20	44	-223	-.01	-11	-15
07-14-60 470604 1756352 5-71				56,58	21		8,525	4.74	404						
551888 SPRUCE SHADOWS M PAYMASTER....		5	18	2-35,41	34	2.2	9,233	4.99	461	**	40	-78	+.12	+8	+5
02-16-60 527413 1401644 5-71					8		9,411	4.68	440						
551902 CARRYON FLASH.....*		1	15	1-46	15	3.0	9,849	4.57	450	8	26	-14	+.02	+1	0
02-15-60 475548 1695177 5-71					5		9,936	4.48	445						
551914 LAUXMONT MASTERPIECE.....*	23-11	34	6	4-21,23,	98	2.3	9,032	4.84	437	12	79	-557	+.06	-20	-31
08-07-60 456337 1517845 5-71				35,57	25		9,746	4.77	465						
551915 LAUXMONT BORDER KING.....*		20	3	7-16,23,	30	1.6	8,220	4.62	380	35	59	-862	.00	-40	-56
08-13-60 456337 1950136 5-71				55,56,65	46		9,703	4.65	451						
551916 LAUXMONT CONSTABLE.....*		7	5	4-21,22,	17	1.8	8,023	4.75	381	22	40	-378	+.02	-16	-23
08-30-60 542740 1545898 5-71				23,55	51		8,909	4.74	422						
551920 ROSEWOOO 8EA HAZEN.....*	61-02	47	3	3-31,33,	88	2.0	9,821	4.79	470	18	80	+51	+.06	+8	+8
06-15-60 498183 1743437 5-71				61	12		9,772	4.73	462						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
551921 ROSEWOOD ARISTOCRAT BEA.....*	61-02	14	3	2-33,35	27	1.9	10,631	4.61	490	26	56	+312	-.05	+10	+16
07-10-60 498183 1759580 5-71					16		10,127	4.69	475						
551984 SUNESLOPES FLASH EASMENT.....*		8	7	1-42	27	1.6	9,130	4.91	448	26	45	-165	+.04	-4	-8
12-09-59 475548 1777865 5-71					9		9,485	4.86	461						
551995 MEADOWVALE M P REX.....		1	22	1-41	22	2.0	10,147	4.56	463	**	25	-47	.00	-2	-3
03-14-60 472164 1812361 1-71					2		10,415	4.58	477						
552020 MAPLE LEAF ROYAL ALERT.....*		2	8	1-41	11	3.1	9,963	4.64	462	10	28	-42	.00	-2	-3
01-03-60 458927 1206070 5-71					16		10,170	4.67	475						
552022 MAPLE LEAF ROCKY.....*	35-21	11	12	3-35,41,	40	2.3	10,514	4.61	485	8	51	-127	+.05	-1	-4
01-31-60 475548 1643809 5-71				42	14		10,892	4.54	494						
552023 MAPLE LEAF PILOT.....*		6	6	3-42,47,	18	2.2	8,170	4.69	383	27	39	-344	-.02	-18	-24
02-04-60 458927 1513245 5-71				48	9		8,993	4.77	429						
552024 MAPLE LEAF LUCERO.....*	41-25	2	13	1-35	15	1.9	8,541	4.54	388	40	25	-312	-.04	-18	-23
03-08-60 458927 1792430 5-71					7		9,826	4.73	465						
552038 NORMANOY KEVIN.....*		3	15	1-32	19	2.2	9,073	4.61	418	28	28	-140	-.01	-7	-9
04-11-59 453207 1580440 5-71					11		9,569	4.65	445						
552051 TWIN SPRUCE MAJESTY.....*		1	15	1-23	15	1.5	7,769	4.90	381	25	22	-175	+.03	-5	-9
04-23-60 452075 1671563 5-71					12		8,440	4.77	403						
552074 NORMILAS HOPEFUL.....*		3	9	2-35,42	12	4.3	9,729	4.75	462	0	31	-11	+.03	+2	+1
01-30-59 492616 1776314 5-71					20		9,784	4.66	456						
552082 MYOWN ADMIRAL.....*		2	17	2-33,35	19	2.6	9,362	4.80	449	17	28	-200	+.06	-4	-9
10-02-59 536182 1872736 5-71					16		10,143	4.64	471						
552084 MYOWN TRUBOY.....*		3	14	2-33,35	24	2.4	9,491	4.57	434	23	36	-55	+.01	-2	-3
01-01-60 536182 1002845 5-71					14		9,650	4.57	441						
552096 GAYOSO VIEW FAMES GLADIATOR...*		1	13	1-35	13	2.9	9,698	4.57	443	42	24	0	-.02	-2	-2
01-29-60 512974 1175426 5-71					18		9,712	4.70	456						
552099 CAVE HILL BFT ACHIEVEMENT.....*		1	35	1-51	35	2.6	8,365	4.83	404	14	28	-248	-.03	-14	-18
04-25-59 524417 1892092 5-71					8		9,214	4.98	459						
552125 KLEINPETER FARMS W KING.....		1	16	1-72	16	2.1	7,352	4.34	319	**	25	-43	.00	-2	-3
05-27-60 540203 1429353 5-71					5		7,299	4.37	319						
552126 CRONINS BONANZA OILLIE.....*		3	24	1-54	40	2.3	10,031	4.69	470	17	38	+49	+.04	+6	+6
12-13-59 496783 1300950 5-71					14		9,930	4.59	456						
552131 MAPLE CREST SHEIKS PATRICK....*		1	11	1-35	11	2.7	9,216	4.83	445	**	24	-158	+.02	-5	-8
03-17-60 428868 1632252 5-71					10		9,915	4.75	471						
552135 SCHWINGHAMER FARM IDEAL.....*		1	12	1-41	12	2.9	7,466	4.66	348	0	25	-510	-.07	-30	-38
03-12-60 513332 1671083 5-71					9		9,514	4.98	474						
552155 IDEALS CONTENDER.....*		3	15	1-32	19	2.7	9,855	4.96	489	0	30	-82	+.01	-3	-5
03-20-59 527534 1731147 5-71					11		10,193	4.97	507						
552169 SUNNYMEDE SPECIALS PRINCE.....*		3	7	2-43,48	10	2.3	10,122	4.79	485	10	26	+84	.00	+4	+5
02-18-60 502177 1282641 1-71					24		9,819	4.83	474						
552173 HEWESHURST BONANZA.....*		2	13	1-21	15	3.0	9,192	5.04	463	13	27	-56	+.09	+6	+4
10-22-59 496783 1739763 5-71					14		9,375	4.71	442						
552174 ABNER OF SQUAREWOODS FARM.....*		4	4	2-13,16	10	2.0	9,124	4.37	399	50	30	-197	-.05	-14	-17
04-03-60 475548 1311298 5-71					14		9,790	4.58	448						
552180 RITCHIEDALE DICTATORS ZORO....*		5	8	1-32	23	3.2	10,257	4.54	466	13	46	-162	-.01	-8	-11
03-21-60 421539 1777242 5-71					9		10,722	4.57	490						
552188 PRICES BERNICES SHOWBOY.....*		6	44	4-87,91,	59	2.4	10,766	4.58	493	11	34	+348	-.04	+12	+19
11-27-59 532763 1281206 5-71				92,93	13		9,766	4.71	460						
552196 BAYVILLE JOLLY JASON.....*		1	23	1-52	23	1.6	8,366	5.00	418	53	24	-289	+.05	-9	-15
03-08-60 504890 1292911 5-71					43		9,561	4.83	462						
552197 BAYVILLE ROYAL MARS.....*		2	20	2-57,63	22	2.9	11,387	4.58	522	6	28	+294	-.05	+9	+15
05-23-60 449539 1638906 5-71					127		10,418	4.74	494						
552205 PRESTDALE B FANTASTIC.....*		9	13	8-32,33,	40	2.2	9,522	4.52	430	6	48	+27	+.01	+2	+2
03-05-60 496783 1541664 5-71				47,57,74	54		9,448	4.49	424						
552229 IDEALS NERO.....*		2	14	1-51	25	3.5	8,989	5.24	471	16	38	-90	+.06	+2	-1
05-30-58 527534 939479 5-71					48		9,183	5.09	467						
552230 IDEALS CRAIG.....*		6	9	2-23,31	27	2.5	9,748	4.83	471	8	46	-230	+.11	0	-6
03-31-60 532698 1797973 5-71					11		10,315	4.61	476						
552240 DITMARSIAS PRINCE.....*		4	4	1-43	12	3.3	11,340	4.70	533	18	37	+86	+.01	+5	+6
03-11-60 538753 1691160 5-71					10		11,267	4.68	527						
552271 MULHOCAWAY BFT TASKMASTER.....*		1	14	1-22	14	2.9	9,348	5.00	467	0	25	+39	+.03	+5	+5
10-03-59 525396 1717312 5-71					28		9,143	4.89	447						
552277 LAUXMONT TUSCAN.....*		4	18	1-52	23	1.7	9,904	4.72	467	**	29	-170	+.06	-2	-6
09-09-60 456337 1683549 5-71					11		10,597	4.55	482						
552292 CLEARLAND MASTERS COUNT.....*		3	27	1-32	31	2.9	11,765	4.66	548	0	31	+309	-.02	+12	+18
03-23-60 385582 1711725 5-71					12		10,910	4.75	518						
552294 ELMBETH BONANZA.....*		2	16	1-23	20	1.4	10,584	4.24	449	0	25	+312	-.10	+5	+12
07-06-60 496783 1613323 5-71					12		9,323	4.59	428						
552348 CHECCO PEERLESS ACTOR.....*	23-05	9	2	2-16,23	13	1.7	10,133	4.66	472	45	41	-145	-.03	-10	-12
08-18-60 322785 1398610 5-71					12		10,587	4.77	505						
552353 KLEINPETER FARMS ONITA HERMIT.*		4	5	2-13,72	13	2.2	10,026	4.36	437	0	34	-135	+.01	-5	-8
11-27-59 530113 1486185 5-71					52		10,513	4.34	456						
552381 GOSHENS ROYAL ANTHEM.....		1	15	1-23	15	2.4	8,512	4.65	396	8	25	-82	+.03	-1	-3
05-09-58 480409 858694 5-71					17		8,763	4.58	401						
552390 CLEVERLANOS BUTTERFINGER.....*		2	9	1-93	14	3.4	13,454	4.39	591	8	32	+264	-.02	+10	+15
02-24-60 459489 1733266 5-71					96		12,966	4.41	572						
552391 GRANDVU M MODESSS PEER.....*		2	15	1-35	17	3.5	8,314	4.86	404	6	29	-248	+.06	-6	-11
03-10-60 438330 1748826 5-71					5		9,135	4.69	428						
552409 ROSEBUD FARM BELLBOY.....		1	17	1-42	17	2.5	8,322	4.81	400	7	25	-100	+.02	-3	-5
07-28-59 533665 1208151 5-71					11		8,627	4.79	413						
552417 NORTHERN L HERMES SUPREME.....*		1	10	1-56	10	2.1	10,769	4.41	475	33	22	+16	-.02	-1	0
08-23-60 424926 1155452 5-71					16		10,814	4.51	488						
552421 LAUREL CLIFF LAURAS SUPERIOR..*		1	26	1-63	26	2.8	7,819	4.90	383	8	28	-284	+.03	-10	-16
05-16-60 526592 1104717 5-71					6		8,759	4.78	419						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
552424 MAPLEWOOD ROYALIST-S BRIGADIER*	35-21	98	8	10-31,34,	333	2.2	9,994	4.71	471	12	91	+158	+.03	+10	+12
12-09-53 487028 968572 1-71				35,41,42	17		9,842	4.68	461						
552436 MILLBORN MOONLIGHT.....*		2	11	1-14	17	2.2	11,719	5.05	592	6	3D	+184	+.08	+16	+18
10-23-59 514114 1368851 5-71					4		11,280	4.88	551						
552442 LERSON LAWN BRIGHT RIVAL.....*		4	7	2-21,42	18	3.6	10,446	4.53	473	7	41	-25	-.D2	-3	-3
12-05-59 513024 1167992 5-71					18		10,607	4.59	487						
552443 WILLOW VALLEY FARMS FL FRITZ..*		10	22	5-55,56,	54	1.8	9,843	4.65	458	14	45	+201	+.01	+10	+14
02-26-60 475548 1808425 5-71				57,58,64	16		9,369	4.64	435						
552452 U CREEK BFT HEARTSEASE REX....*		9	2	4-21,31,	12	2.3	10,521	4.90	516	0	43	-64	+.06	+3	+1
05-26-59 513811 1522995 5-71				32,72	15		10,791	4.79	517						
552456 FLYING HORSE KINGS AGAWAM.....*		2	16	1-14	25	2.4	10,201	4.66	475	9	34	+124	+.04	+10	+12
04-07-60 514114 1612544 5-71					12		9,857	4.51	445						
552475 COOPERS FAMES HEIR.....*		1	11	1-43	11	1.8	9,230	4.49	414	**	22	-263	+.01	-11	-16
04-24-60 538862 1809703 5-71					11		10,543	4.46	470						
552573 BAY MEADOW BILLYS DON.....*	91-13	16	1	5-82,86,	19	1.2	11,486	4.61	530	6	49	+342	.00	+16	+22
07-08-60 511244 1849761 5-71				91,92,93	27		10,912	4.6D	502						
552587 AUER N F HERMES ROYAL.....*		7	13	2-13,16	28	2.0	9,202	4.79	441	19	39	-94	+.05	0	-2
06-25-60 415425 1401494 5-71					21		9,424	4.67	440						
552590 DEEP LAKE TRANS FLASH LEADER..*		2	9	2-16,71	11	1.6	9,801	4.55	446	14	23	+22	-.01	0	+1
08-24-60 453207 1739947 5-71					4		9,713	4.57	444						
552591 DEEP LAKE FLASHS JUDSON.....*	35-05	52	3	10-23,35,	103	1.8	9,381	4.73	444	42	82	-3D7	+.D1	-13	-19
09-03-60 475548 1308140 5-71				41,42,55	19		9,770	4.74	463						
552602 GREYSTONE JOLLY AJAX.....*		2	8	1-11	15	2.6	9,655	5.06	489	14	34	-38	+.10	+8	+6
08-10-60 518014 1703303 5-71					25		9,785	4.79	469						
552615 HIGH MEADOWS JOLLY SELECTION..*		1	24	1-21	24	2.2	7,993	4.58	366	21	26	-191	-.03	-12	-15
04-08-60 439587 1749940 5-71					15		8,625	4.77	411						
552630 BELL LAWN BLITZ.....*		1	18	1-32	18	2.4	9,805	5.13	503	6	26	+76	+.02	+5	+6
04-18-60 475548 1615985 5-71					9		9,500	5.15	489						
552633 CLEVERLANDS MIDAS.....*		2	13	1-93	21	2.6	12,585	4.41	555	6	35	+202	-.02	+7	+11
04-02-60 516329 1561120 1-71					10D		12,264	4.45	546						
552647 SHAMROCK PRISCILLAS PINNACLE..*	93-02	7	49	4-83,86,	106	1.9	11,131	4.51	502	20	44	-199	+.02	-7	-11
05-22-60 496783 1619287 5-71				87,93	106		11,798	4.47	527						
552651 MENOALE SUPREMES MONARCH.....*		1	19	1-31	19	3.3	10,044	4.88	490	6	27	+7	+.04	+4	+4
08-03-59 531573 1334395 5-71					14		10,062	4.75	478						
552662 LOCKSHORE KILIMANJARO.....*		1	15	1-34	15	2.7	11,284	4.71	532	31	24	-45	.00	-2	-3
01-02-60 440484 1C50103 5-71					53		11,676	4.74	553						
552672 WANDERING BROOK J V CURTISS...*		2	15	1-21	29	2.9	10,797	4.84	523	15	40	+87	.00	+4	+6
04-04-58 530291 1588633 5-71					10		10,686	4.88	521						
552687 SARIVAL ECLIPSE PHIL.....*	35-75	6	4	3-86,91,	14	1.1	11,408	4.80	548	9	34	+193	+.05	+14	+17
08-04-60 540194 1794889 5-71				93	19		10,977	4.66	512						
552693 WOODACRES KINGS CHAMPION.....*		3	11	1-56	15	1.9	8,346	4.61	385	**	28	-1D8	+.01	-4	-6
08-08-60 523825 1702300 5-71					24		8,643	4.60	398						
552724 SHADOW LAWN FLASHS VALIANT....*		3	9	3-23,31,	12	2.3	8,662	4.69	406	18	27	-251	+.04	-8	-13
06-04-60 475548 1420256 5-71				63	20		9,579	4.58	439						
552725 WHITE HOUSE P MASTERFUL.....*		1	34	1-56	34	1.9	8,615	4.50	388	33	27	-262	+.02	-10	-15
03-18-60 543810 1620758 5-71					37		9,604	4.44	426						
552738 NORGERTS BEA DEWEY.....*	61-02	22	10	5-31,33,	86	1.7	9,576	4.63	443	24	69	+61	-.05	-2	0
05-25-60 498183 1600002 5-71				43,65,85	13		9,471	4.72	447						
552752 MERIT BON PEER.....*	16-04	30	3	5-13,14,	45	2.7	10,571	4.64	490	18	70	+328	-.01	+14	+20
09-03-60 496783 1427728 5-71				16,23,57	21		10,154	4.66	473						
552794 DULUTH S FASHION.....	41-01	20	2	4-41,45,	28	2.1	9,192	4.86	447	9	62	-179	+.09	0	-5
12-10-60 475548 1809161 1-71				82,83	9		9,469	4.74	449						
552796 ROLINDA PRINCE COLE.....*		2	15	1-93	17	1.5	6,810	4.67	318	69	23	-414	+.03	-16	-24
08-18-59 533317 1627602 5-71					26		8,467	4.56	386						
552832 HI HOPES SHEIK GLADIATOR.....*		1	20	1-35	20	3.2	9,837	4.53	446	11	28	+105	-.06	-1	+2
05-24-60 428868 1669561 5-71					15		9,436	4.82	455						
552896 CLEVERLANDS GENERAL ELDORADO..*	35-75	19	11	10-21,32,	55	2.0	12,573	4.46	561	9	58	+842	-.10	+29	+46
06-06-60 530378 1288688 5-71				35,48,93	51		11,278	4.59	518						
552906 MAPLE LEAF MASTERMAN.....*		1	10	1-41	1D	1.5	7,437	4.87	362	13	2D	-330	.00	-15	-21
06-06-60 411518 1594114 5-71					3		9,034	4.91	444						
552923 CLEAR SPRINGS ROYAL RAYMOST...		2	11	1-57	17	2.2	11,721	4.64	544	15	31	+154	-.05	+2	+6
05-26-60 516011 1155785 5-71					16		11,398	4.80	547						
552926 VILLA CREST F TRAVELER.....*		1	49	1-93	49	1.2	11,489	4.87	560	6	25	+159	+.04	+11	+13
08-14-60 503781 1912865 5-71					23		10,980	4.76	523						
552972 COLBYS RAMBLER.....*		9	9	2-34,63	41	1.7	10,661	4.79	511	37	53	-395	+.06	-13	-21
07-13-60 531527 1819961 5-71					23		11,611	4.71	547						
552985 LUXERIN FLASH KING.....*		1	13	1-35	13	3.0	7,871	4.90	386	0	25	-272	+.07	-6	-12
08-03-60 475548 886425 5-71					10		8,877	4.63	411						
553008 BENIGN BONANZA JULIAS KIM.....*		1	20	1-72	20	2.0	9,088	4.39	399	5	24	-130	.00	-6	-8
12-30-60 496783 1460379 5-71					108		9,626	4.42	425						
553011 BAYVILLE JOLLY KASPER.....*		4	25	2-52,72	31	2.1	10,102	4.47	452	7	31	+13	-.05	-4	-3
06-22-60 504890 1400043 5-71					17		10,106	4.66	471						
553013 BAYVILLE LORD OF FORTUNE.....*		6	12	4-52,54,	34	2.2	9,385	4.83	453	46	45	-194	+.01	-8	-12
08-24-60 534882 1799995 5-71				56,63	70		9,842	4.84	476						
553014 BAYVILLE ROYAL ASTOR.....*		6	15	1-92	29	2.7	12,883	5.04	649	8	40	+249	-.01	+11	+16
08-24-60 449539 1586601 5-71					15		12,550	5.10	640						
553074 DEEP LAKE FLASHS HERMES.....*		7	5	3-43,48,	18	2.3	10,386	4.63	481	25	42	+228	+.02	+13	+17
06-16-60 475548 1403614 5-71				84	46		9,866	4.57	451						
553088 GREYSTONE CHIEF.....*	23-11	16	3	2-21,23	32	1.8	8,980	4.67	419	14	60	-287	-.02	-15	-20
11-14-60 425345 959742 5-71					14		9,44D	4.71	445						
553133 DEEP LAKE FLASHS MAJOR.....*		4	6	1-11	15	2.1	10,035	4.73	475	23	36	-150	+.03	-4	-7
12-09-60 475548 1422059 5-71					7		10,545	4.68	494						
553157 VALLEY GEM TRIUMPHANT CASCADE.*		1	22	1-91	22	2.6	8,901	4.74	422	22	27	-115	+.04	-2	-5
06-27-60 498590 1219626 5-71					36		9,305	4.65	433						

REGISTRATION NUMBER / NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
553210 SCHLOSSER ROSAS SUPREME.....*		2	9	1-32	11	2.3	9,830	5.13	504	0	24	-38	+.06	+4	+2
03-19-60 475595 1640605 5-71					9		10,031	4.92	494						
553224 CASTLE 8ROOK FORTUNE MORRIS...*	91-11	7	3	3-21,35,	14	1.8	9,254	4.56	422	10	40	+317	-.05	+10	+17
11-02-60 510634 1288825 1-71				42	29		8,338	4.69	391						
553233 WYNOLA 8ONANZA.....		1	29	1-42	29	1.5	9,666	4.69	453	32	25	-100	+.02	-3	-5
11-07-59 496783 1492381 5-71					6		10,128	4.65	471						
553245 LU ACRES 8ONANZAS LARRY.....*		4	7	3-34,58,	14	3.4	10,693	4.56	488	0	36	+230	-.05	+6	+11
04-18-60 496783 1630856 5-71				82	9		10,102	4.70	475						
553256 MULHOCAWAY 8UTTERFAT METEOR...*		1	13	1-82	13	1.7	9,513	5.11	486	30	22	-161	+.07	-1	-5
12-04-60 529775 1731541 5-71					15		10,319	4.83	498						
553283 ELMWOOD S KING.....*		9	7	1-35	29	2.1	9,460	4.74	448	16	50	0	-.03	-3	-2
12-17-60 528764 1463630 5-71					16		9,440	4.83	456						
553288 ELM MOOR DELIGHTS 8ONANZA.....*		2	10	1-48	12	3.3	9,567	4.88	467	0	28	+258	+.04	+16	+20
07-22-60 496783 1443394 5-71					19		8,520	4.73	403						
553301 WILSON FARM SOVEREIGN.....*		2	10	1-23	13	3.5	8,393	4.50	378	10	29	-158	.00	-7	-10
09-26-59 440747 1740484 5-71					13		8,857	4.54	402						
553303 MELODY MOUND FASHION JESTER...*		1	11	1-63	11	3.2	8,761	4.79	420	**	24	-88	+.04	0	-2
11-20-59 503356 1648285 5-71					19		9,077	4.61	418						
553315 SUNNY CREST FORTUNES ACTOR....*		1	15	1-21	15	2.9	8,431	4.90	413	13	25	-163	+.08	0	-4
10-19-60 535220 1162248 5-71					23		9,023	4.57	412						
553341 MEADOW LANE JESTER.....*		1	13	1-65	13	2.1	9,402	4.42	416	**	23	-61	-.01	-4	-5
07-16-60 489690 1575425 5-71					13		9,673	4.50	435						
553347 SKYLINE COMETS VALIANT.....*		5	20	2-42,47	27	2.5	8,026	5.46	438	4	33	-198	+.07	-3	-8
09-06-60 537237 1839595 5-71					13		8,518	5.27	449						
553356 LAKE LOUISE PAWNEE.....*		20	2	7-14,15,	31	2.9	10,978	4.86	533	4	65	+434	+.11	+31	+37
09-08-60 542902 1761445 5-71				16,23,52	24		10,380	4.71	489						
553359 KNEIPP SPRING NANCYS 8ONANZA..*		3	9	3-31,32,	13	1.7	9,871	4.62	456	0	26	-150	+.06	-1	-5
10-01-60 496783 1356110 9-70				63	42		10,540	4.43	467						
553369 PINE RIDGE 8LENDS KING.....		1	29	1-35	29	3.0	10,449	4.63	484	7	29	+7	+.01	+1	+1
09-26-60 532305 1809676 5-71					15		10,514	4.59	483						
553393 MARGENDELL MARINE SARGEANT....*		1	24	1-35	24	3.1	7,724	4.61	356	13	28	-357	+.05	-12	-19
03-14-60 512972 1633291 5-71					7		8,913	4.45	397						
553394 MARGENDELL GAY CAVALIER.....*		4	19	2-35,41	25	2.3	10,335	5.06	523	19	30	-57	+.09	+6	+4
09-27-60 543853 1633290 5-71					21		10,627	4.78	508						
553398 8O KAY F FLASHLIGHT.....*		3	20	2-32,34	30	1.9	10,385	4.95	514	0	32	-106	+.06	+1	-2
09-15-59 475548 1804720 5-71					19		10,835	4.78	518						
553404 SPRING RIDGE ENSIGN LAD.....*		4	9	2-35,61	20	2.7	9,360	5.05	473	6	40	-167	+.20	+11	+5
09-12-60 382418 1713262 5-71					13		9,802	4.53	444						
553422 GOLDEN HARVEST F CONSUL.....*		2	11	1-16	14	2.7	9,352	4.76	445	7	29	-178	+.05	-4	-8
11-12-60 507847 1538306 5-71					8		10,007	4.65	465						
553447 WESTERN GLOW 8UTTERFAT COUNT..*	31-02	24	2	8-22,31,	37	2.7	10,162	4.42	449	8	68	+343	-.16	0	+9
03-03-60 511205 1140664 5-71				56,58,91	24		9,663	4.67	451						
553465 DOLPHIN H KING.....*	22-03	11	2	2-22,23	15	3.0	9,540	4.58	437	14	48	+39	-.07	-5	-3
11-07-60 529775 1813880 5-71					30		9,440	4.78	451						
553473 HIGHFIELD VALORS FASHION.....		3	22	1-32	45	2.0	10,627	4.23	450	22	41	+190	-.09	0	+5
07-22-60 530228 1258704 5-71					50		10,218	4.39	449						
553480 LAND OF LIVING 8EN HUR.....*		7	8	2-21,31	26	1.1	10,449	4.90	512	13	39	+2	+.05	+5	+4
07-06-60 543091 1853407 5-71					10		10,533	4.78	504						
553489 MCDONALD FARMS 8RIGHT DOLLAR..*		5	12	1-11	22	2.6	9,302	4.98	463	21	36	-225	+.07	-4	-9
10-29-60 540033 1840731 5-71					10		9,968	4.81	479						
553503 NORTHERN F HERMES ROYAL HONOR.		3	14	1-32	28	2.1	9,263	4.46	413	9	39	-318	+.04	-11	-17
10-03-60 415425 1329075 5-71					55		10,138	4.38	444						
553535 OAKVALE KINGS SUPREME.....*		2	14	1-41	16	3.0	9,078	5.06	459	27	28	+11	+.07	+7	+6
03-12-60 518672 1707932 5-71					13		8,973	4.80	431						
553549 RUTTER 8ROS SUPERIORS PRINCE..*		1	12	1-23	12	1.7	11,473	4.68	537	55	21	-52	-.05	-7	-7
10-07-60 522908 1737068 5-71					25		11,952	4.92	588						
553588 GRAIN MEADOW V ROSE KING.....*		4	18	2-32,72	37	2.6	10,840	4.94	536	15	41	-188	+.04	-5	-9
09-21-60 529456 965976 5-71					18		11,486	4.88	561						
553615 SUNNYMEDE SPECIALS FAVOR.....*		2	22	1-43	24	2.5	8,350	4.72	394	21	29	-62	.00	-3	-4
09-21-60 502177 1578385 5-71					19		8,451	4.79	405						
553620 GARNAVILLO JIM ROYAL.....*		2	13	1-35	25	3.1	9,276	4.66	432	13	40	+87	+.05	+9	+10
11-06-60 544409 1565094 5-71					12		8,995	4.50	405						
553624 LAURA LYN G TOMMY.....*		2	17	1-56	24	3.4	10,321	4.52	466	0	35	+64	.00	+3	+4
04-18-60 502917 1377563 5-71					10		10,192	4.50	459						
553634 WYNO HAMLETS COUNT.....*		6	9	2-23,51	25	2.1	8,886	4.65	413	18	42	+15	-.05	-4	-3
07-02-60 543941 1250324 5-71					25		8,765	4.81	422						
553639 8ROADVIEW FARM FORTUNE.....*		1	27	1-21	27	3.0	10,539	5.12	540	12	29	+154	+.06	+13	+15
07-26-60 528754 1718660 5-71					46		10,038	4.96	498						
553647 IDEALS KRAFT.....*		5	19	3-22,52,	31	2.3	10,416	5.06	527	7	35	+84	+.05	+9	+10
05-23-59 493896 1732673 5-71				58	97		10,235	4.94	506						
553653 MUNGLES SABIAN SATURN.....*		6	93	5-43,48,	110	2.0	11,069	4.31	477	6	32	+335	-.03	+13	+19
11-16-59 529508 1736529 5-71				73,74,85	72		10,058	4.32	435						
553660 MUNGLES J C SUPREME.....*		3	50	1-73	59	2.0	10,187	4.28	436	15	31	-7	-.01	-1	-1
10-21-60 511404 1736529 5-71					77		10,278	4.31	443						
553666 LAKE LOUISE C ROYALE.....		1	17	1-52	17	1.9	9,576	4.62	442	0	25	-84	.00	-4	-5
07-10-60 534854 1175083 5-71					5		9,952	4.66	464						
553667 LYRENE MAY ROSE PRINCE.....*	61-02	182	9	26-23,31,	511	1.1	11,362	4.80	545	16	92	+538	+.07	+32	+41
11-14-60 526968 1762507 5-71				34,51,56	28		10,907	4.74	517						
553673 MICKELSEN ELINOR HORNET.....*		2	7	1-93	14	2.4	9,548	5.29	505	25	32	-177	+.18	+9	+3
04-08-59 533389 1714840 5-71					41		10,157	4.72	479						
553689 PENN 8RANCH COMETS 8UDDY.....*		1	42	1-56	42	1.9	8,593	4.77	410	**	27	-197	+.01	-8	-12
07-02-60 505356 1457817 1-71					33		9,302	4.76	443						
553757 LAUXMONT ARGONAUT.....*		5	9	3-51,55,	22	2.5	8,556	5.00	428	15	41	-290	+.08	-6	-13
01-18-61 510148 1791573 5-71				56	33		9,224	4.84	446						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
553764 GAYDSD VIEW FAMES BEST.....*		5	3	3-16,57,	10	1.6	10,428	4.45	464	14	32	+589	-.04	+23	+34
10-21-60 512974 1637823 5-71				65	44		8,459	4.56	386						
553765 GAYDSD VIEW MELINDA FAVORITE..*		4	10	2-56,58	29	2.5	11,947	4.48	535	14	45	+879	-.07	+33	+50
12-07-60 496783 1911019 5-71					58		10,043	4.61	463						
553771 HAPPY HDLLDW VIOLETS FLASH....*		5	3	1-35	11	2.1	9,126	4.97	454	13	35	-249	+.07	-5	-11
04-04-60 475548 821052 5-71					15		9,854	4.81	474						
553779 GLEN SAVAGE MARY LEES EMPDRER.*		1	28	1-51	28	2.5	8,862	4.78	424	**	28	+9	+.01	+1	+1
03-19-60 540803 1821635 5-71					15		8,742	4.78	418						
553868 ROETTA D BIG BDY.....*		6	6	2-91,92	22	2.5	10,187	4.61	470	32	46	-248	+.04	-8	-13
04-23-60 540160 1871083 5-71					12		10,857	4.56	495						
553895 HICKDRY RIDGE PAT.....*		3	11	2-13,21	15	2.7	10,634	4.81	511	0	30	+118	+.01	+6	+8
03-17-60 496783 1059193 5-71					19		10,304	4.81	496						
553900 GAYDSD VIEW FAMES DUDLEY.....*		3	29	3-64,65,	35	2.2	8,516	4.47	381	**	31	-140	-.01	-7	-9
04-25-59 512974 1115156 5-71				73	39		8,907	4.54	404						
553933 HOWMARS ROUGILLA GRANDEE.....*	11-01	16	10	1-11	40	2.0	8,822	4.31	380	26	52	-111	-.10	-15	-15
09-09-60 540510 1378865 5-71					10		8,972	4.54	407						
553940 WANDERING BROOK MUCH MOR.....*		6	5	2-21,23	12	1.9	9,505	4.78	454	22	33	-154	-.01	-8	-11
11-20-59 536875 1167685 5-71					18		10,019	4.84	485						
553942 WANDERING 8ROOK MO MAINE.....*	11-01	28	2	1-11	47	2.3	9,849	4.65	458	16	73	+133	-.02	+4	+7
07-09-60 425345 1746492 5-71					9		9,670	4.68	453						
553944 WANDERING BROOK J V MATTESON..*		1	14	1-21	14	3.3	10,189	4.81	490	0	27	+4	-.01	-1	-1
10-27-60 530291 1652818 5-71					32		10,234	4.91	502						
553953 FLO RAYS GLORYS PRINCE.....*		8	3	2-33,43	17	2.5	9,610	4.44	427	**	47	-30	-.04	-5	-5
03-20-60 541259 1193654 5-71					15		9,681	4.54	440						
553977 HOUSLEYS BUTTERCUP BRILLIANT..*		1	21	1-63	21	2.1	9,845	4.67	460	28	25	-261	+.04	-8	-13
10-17-60 499468 1280127 5-71					68		11,029	4.55	502						
553981 VALLEYSIDE BUTTERFATS NIMP....*		2	13	2-16,35	17	2.5	9,325	4.34	405	11	29	-29	-.07	-8	-7
02-17-59 479669 1252613 5-71					15		9,404	4.60	433						
554042 IDEALS NILES.....*		2	9	2-22,56	11	2.4	9,628	5.28	508	25	24	-289	+.05	-9	-15
04-26-59 532698 1683506 5-71					139		10,971	5.11	561						
554049 OLD FARMSTEAD DUKE.....*		5	9	2-35,42	16	3.7	10,064	5.37	540	8	35	-48	+.08	+5	+3
02-07-60 475548 1867317 5-71					17		10,270	5.21	535						
554055 GUERNSDEL MAXIM NATHAN.....*		3	22	1-55	26	2.8	8,531	4.58	391	17	31	-429	.00	-20	-28
10-02-60 435793 892960 5-71					30		9,974	4.62	461						
554068 KINGENDALE JOLLY LOUIS.....*		7	8	3-31,32,	28	2.5	9,364	4.84	453	11	48	-56	+.01	-2	-3
03-08-59 529903 1091480 5-71				58	17		9,466	4.87	461						
554079 ROES MOR E DELUXE.....*		4	7	1-33	14	1.8	9,890	4.92	487	30	31	-229	+.05	-6	-11
07-06-60 493542 1276793 5-71					10		10,734	4.81	516						
554080 ROES MOR E DINAMO.....*		2	7	1-33	11	3.2	8,988	4.72	424	9	30	-43	.00	-2	-3
07-12-60 493542 1224102 5-71					7		9,076	4.75	431						
554094 APPLEBROOK BONANZA COLONEL....*	21-10	61	2	6-16,21,	92	2.5	9,799	5.00	490	28	84	-445	+.27	+4	-8
06-10-60 496783 1557296 5-71				23,31,35	18		10,406	4.71	490						
554095 APPLEBROOK BONANZA IDEAL.....*		7	3	3-22,23,	13	2.1	10,203	4.67	476	44	37	-160	-.06	-13	-15
08-24-60 496783 1632837 5-71				51	17		10,749	4.85	521						
554099 ROSEWOOD 8EA NOTABLE.....*		5	14	2-33,58	27	2.3	9,418	4.50	424	5	38	+63	-.03	0	+2
07-06-60 498183 1911010 5-71					19		9,210	4.58	422						
554100 ROSEWOOD ROYAL CONVENTION.....*		2	64	2-55,56	66	2.4	11,640	4.50	524	4	30	+241	-.04	+7	+12
08-28-60 473218 1193761 5-71					33		10,964	4.61	505						
554156 EDISTO FARMS BLZ PATRICK.....*		1	17	1-56	17	3.1	10,790	4.22	455	15	26	-46	-.02	-4	-5
07-19-60 543210 1558711 5-71					17		11,120	4.29	477						
554166 MAPLEVALE FAIRLAWN LEADER.....*		4	10	2-21,23	15	1.3	10,216	4.56	466	57	26	-149	-.10	-16	-17
05-08-60 523823 1278826 5-71					18		10,929	4.97	543						
554181 CIRCLE DRIVES ELAINE BONANZA..*		1	25	1-32	25	2.4	9,391	4.60	432	8	27	-83	-.01	-5	-6
09-17-60 496783 1167045 5-71					19		9,706	4.70	456						
554184 WYNO SULTAN.....*	23-11	17	2	1-23	25	2.2	10,283	4.85	499	11	57	+220	+.03	+13	+16
11-22-60 543941 1797865 5-71					21		9,926	4.83	479						
554209 GREYSTONE BARON MO.....*	23-04	19	3	2-23,57	33	2.2	8,657	4.99	432	21	63	-665	+.09	-23	-36
02-07-61 425345 1468409 5-71					21		9,720	4.86	472						
554210 GREYSTONE KING MO.....*		4	18	3-21,63,	23	2.1	10,806	4.83	522	19	30	-89	+.04	0	-2
03-10-61 497410 1726195 5-71				72	23		11,268	4.72	532						
554249 RAE MAR VICEROYS REX.....*		3	9	1-42	18	2.5	10,000	4.84	484	6	37	-154	+.06	-1	-5
11-21-60 455056 1701399 5-71					8		10,511	4.70	494						
554256 GOLDWDOD ROSE ROYAL.....*		3	10	2-51,55	18	2.0	8,736	5.01	438	**	33	-71	+.08	+4	+1
05-26-60 531284 1368765 5-71					33		8,883	4.78	425						
554262 BAYVILLE JUDGE OF FORTUNE.....*		1	17	1-52	17	2.5	10,948	4.97	544	0	25	+89	+.06	+10	+11
09-21-60 534882 1729933 5-71					18		10,704	4.76	509						
554319 WHITE PLAINS PETER PAUL.....*		4	4	1-23	10	2.3	8,321	5.16	429	22	32	-451	+.12	-10	-20
01-04-61 433384 1708529 5-71					19		9,740	4.77	465						
554434 8ROWNIES FARMS OZZIE.....*		12	7	3-82,91,	32	2.4	10,874	4.83	525	13	53	+156	+.01	+8	+11
09-30-60 448935 1581488 5-71				92	25		10,684	4.83	516						
554457 8AYVILLE LAD OF FORTUNE.....*		1	19	1-43	19	1.7	8,557	4.42	378	14	24	+152	-.04	+3	+6
11-14-60 534882 1449835 5-71					3		7,728	4.63	358						
554507 VALLEY SET FINANCIERS ACTOR...*		4	8	2-32,72	24	1.7	9,034	4.72	426	21	41	-236	+.04	-7	-12
11-27-60 503781 1762718 5-71					23		9,610	4.63	445						
554508 VALLEY SET FINANCIERS FORMAN..*		8	7	2-31,32	22	2.8	10,284	4.92	506	9	45	+249	+.09	+20	+23
12-20-60 503781 1762720 5-71					16		9,746	4.75	463						
554530 LONE ACRES V BRIGIDIER.....*		7	14	4-35,63,	36	1.8	9,640	4.50	434	16	43	-125	-.05	-11	-12
11-09-60 529460 1010756 5-71				72,85	30		9,970	4.66	465						
554581 NANUM VUE ROYAL EARL.....		1	17	1-91	17	1.7	9,045	5.12	463	0	23	-98	+.06	+1	-2
08-05-60 467224 1718079 5-71					24		9,457	4.89	462						
554639 FIRESIDE NEROS CROWN.....*		4	11	1-31	24	2.5	9,607	4.73	454	17	39	+2	+.05	+5	+4
02-10-61 518124 1816682 5-71					18		9,598	4.59	441						
554643 FLASH LANCER OF WINDY ACRES...*		2	12	2-21,56	14	2.6	9,896	4.77	472	18	26	+83	+.01	+5	+6
10-14-59 475548 1664918 5-71					16		9,574	4.74	454						

REGISTRATION NUMBER / NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	DAUGHTERS AND HEROMATES: DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	1ST % INC	REPT %	PREDICTED DIFFERENCES: MILK	%	FAT	$$
554656 WILL O WEST HONORS SUNBURN....		2	19	2-84,91	21	1.8	10,315	4.64	479	**	26	-14	+.01	0	0
12-19-58 492616 1579651 5-71					5		10,454	4.66	487						
554683 CARRLANDS FLASH DASHY.....*		1	22	1-21	22	3.1	9,598	4.63	444	5	28	-56	-.05	-7	-7
07-03-60 475548 1838521 5-71					56		9,820	4.86	477						
554708 BROWNIES FARMS OREGON.....*	92-01	11	3	3-82,91,	19	2.6	11,393	4.63	528	0	49	+338	-.03	+13	+20
08-18-60 496783 1828972 5-71				92	30		10,826	4.69	508						
554712 WINEBERG FARMS HI FORTUNE.....*		8	9	2-91,92	31	2.5	11,517	4.68	539	10	49	+452	+.04	+25	+32
03-07-60 542710 1327704 5-71					26		10,701	4.60	492						
554725 ELK MEADOW GLOWS MONARCH.....*		2	6	1-35	12	2.1	10,563	4.54	480	25	30	-52	-.02	-4	-5
09-24-60 505384 1522625 5-71					25		10,865	4.61	501						
554728 CHEDCO JANETS ACTOR.....*		2	28	1-32	51	2.0	9,144	4.64	424	8	39	-40	-.01	-3	-4
04-10-61 523823 1590559 5-71					17		9,208	4.69	432						
554729 CHEOCO HOLLYHOCKS ACTOR.....*	31-02	34	6	11-31,34,	78	1.6	9,431	4.77	450	17	72	-297	+.04	-10	-16
04-16-61 523823 1883849 5-71				55,56,82	37		9,868	4.74	468						
554731 MCOONALO FARMS JV EMINENT.....*	23-09	36	2	1-23	46	2.4	8,883	4.82	428	8	73	-372	+.08	-10	-18
02-04-61 530291 1034863 5-71					12		9,365	4.73	443						
554749 BROOKOELL C HILARION.....*		7	9	5-16,21,	20	2.4	10,665	4.93	526	8	38	+212	.00	+10	+14
12-06-60 409202 1426225 5-71				22,23,63	44		10,162	4.97	505						
554766 DULUTH FANDANGO.....*		1	10	1-41	10	1.4	10,039	4.79	481	17	19	-221	+.03	-7	-12
04-03-61 475548 1718065 9-70					10		11,382	4.66	530						
554770 KLEINPETER FARMS A NOMAD.....*		1	27	1-72	27	2.0	8,534	4.48	382	12	26	+2	.00	0	0
03-14-61 547262 1688494 5-71					11		8,405	4.47	376						
554773 BAY MEADOW ST HANK.....*	35-75	7	13	5-21,35,	23	2.3	12,620	4.38	553	5	36	+300	-.02	+12	+18
01-23-61 545361 1760233 5-71				57,85,93	51		12,014	4.39	528						
554829 MCOONALO FARMS BRIGHT EMPEROR.*		1	33	1-74	33	2.4	9,077	4.47	406	18	28	-82	.00	-4	-5
03-01-61 540033 1686010 5-71					57		9,346	4.53	423						
554842 GUERNSEY GROVE BONANZAS DUKE..*		2	19	1-35	21	2.0	10,847	4.93	535	21	27	+140	-.01	+6	+9
09-09-60 496783 1911385 5-71					9		10,396	4.98	518						
554845 SUNESLOPES BON EMPIRE.....		3	8	1-41	19	2.0	10,507	4.60	483	22	36	+182	-.01	+7	+11
10-01-60 496783 1322821 5-71					9		10,040	4.63	465						
554869 GREAT ELM T GREG.....*		7	2	6-11,12,	10	2.6	10,915	4.55	497	14	38	+223	-.02	+8	+12
11-03-60 503932 1571445 5-71				14,16,21	17		10,397	4.61	479						
554989 HUFFS HILL STAR SUPREME.....*		1	13	1-32	13	1.9	9,084	4.72	429	22	23	+27	-.01	0	+1
11-06-60 475595 1748265 5-71					19		8,894	4.79	426						
555005 WILEVA VICEROYS SATELLITE.....*		1	22	1-84	22	2.6	9,753	4.73	461	5	27	+106	-.01	+4	+6
07-14-60 455056 1633862 5-71					22		9,337	4.78	446						
555012 ARTIE A VIRGILS MYRON.....*		1	16	1-35	16	3.4	12,069	4.40	531	13	27	+449	-.08	+13	+22
09-18-60 518026 1811535 5-71					11		10,500	4.62	485						
555014 WINNER FARM ELAINES SUPREME...*		2	8	1-42	13	2.5	9,642	5.07	489	25	30	-52	+.07	+4	+2
08-26-60 491101 1614565 5-71					13		9,841	4.85	477						
555024 LEAFY LANE DIAMOND JIM.....*	35-05	26	3	6-31,32,	43	2.5	9,877	4.77	471	10	69	+162	+.04	+11	+13
12-23-60 496783 1575445 5-71				35,41,42	14		9,644	4.73	456						
555030 EDGEWOOD PEERLESS VALOR.....		3	13	2-13,32	28	1.9	10,006	4.30	430	11	38	-100	-.02	-7	-8
01-11-61 470205 1402880 5-71					50		10,339	4.37	452						
555035 SPRING RIDGE NORTHERN LAD.....*		4	21	1-35	30	2.0	9,939	4.80	477	18	32	-47	+.03	+1	0
09-25-60 382418 1790478 5-71					21		10,141	4.70	477						
555036 CLEVERLANDS INAS CURTISS.....*		4	9	1-93	18	2.7	11,645	4.38	510	0	36	-149	-.02	-9	-11
06-03-60 501101 1515513 5-71					90		12,327	4.45	549						
555039 NORGERTS B A DANDY.....*		2	10	1-33	16	2.1	9,478	5.07	481	9	31	-108	+.12	+6	+2
11-07-60 534954 1600003 5-71					12		9,853	4.69	462						
555040 NORGERTS VIRGELS LEADER.....*		4	14	3-33,35,	19	2.5	10,786	4.76	513	6	31	-236	+.04	-7	-12
11-07-60 512972 1546923 5-71				42	37		11,762	4.67	549						
555042 NORGERTS B A JOLLY.....*		1	21	1-33	21	2.0	8,338	4.76	397	15	25	-41	+.02	0	-1
02-14-61 534954 1685385 5-71					12		8,380	4.67	391						
555049 ROYAL PAULSON PETER.....*		2	8	1-35	12	3.0	9,271	4.99	463	10	30	-266	+.07	-6	-12
02-03-61 533774 1788100 5-71					18		10,207	4.80	490						
555071 CEDARBROOK MAGAR KENDAL.....*		1	12	1-31	12	4.1	10,219	4.59	469	8	27	+50	-.01	+1	+2
01-19-60 440484 1788581 5-71					48		10,075	4.66	469						
555113 MALZ FARM V VICTOR.....*		6	5	1-35	14	2.5	8,840	5.16	456	15	37	-208	+.20	+9	+2
01-19-61 512972 1835485 5-71					11		9,377	4.60	431						
555123 YELLOW CREEK TOP BUTTERFAT....*		15	3	4-32,34,	26	2.9	11,209	4.84	542	0	59	+130	+.01	+7	+9
12-25-60 546396 1522995 5-71				35,57	13		11,139	4.84	539						
555128 YELLOW CREEK S QUALIFIER.....*		1	44	1-41	44	2.2	9,559	4.84	463	21	28	-180	+.06	-3	-7
11-17-60 475595 1388019 5-71					6		10,268	4.67	480						
555129 YELLOW CREEK TOP SPOT.....*		12	6	6-31,32,	25	2.3	11,176	4.84	541	10	49	+112	-.05	0	+3
11-19-60 546396 1869059 5-71				34,43,61	20		11,092	4.99	553						
555130 YELLOW CREEK S PILOT.....*	12-03	34	2	9-11,12,	46	2.4	10,146	4.53	460	12	73	+201	-.08	+1	+6
11-22-60 475595 1418197 5-71				13,14,21	20		9,899	4.65	460						
555132 GREEN VALLEY PATRON.....*		6	46	3-22,23,	55	2.1	9,187	4.97	457	11	32	+54	+.05	+7	+7
11-20-60 508321 1491764 5-71				58	75		8,947	4.83	432						
555152 SPAR HILL JOLLY BELLBOY.....*		10	2	4-22,23,	18	2.1	9,188	5.12	470	8	49	-195	+.16	+6	0
01-18-61 524993 1550300 5-71				51,52	23		9,582	4.80	460						
555198 LAKE LOUISE TRANS FLASH.....*		3	8	2-23,51	11	3.0	11,453	4.71	540	0	29	+273	+.02	+15	+20
10-27-60 453207 1871431 5-71					41		10,614	4.64	493						
555211 DUNWALKE CHAMPION.....*		2	7	1-22	10	1.5	12,767	5.06	646	0	23	+219	+.06	+16	+19
10-20-60 422711 1420996 5-71					3		12,074	4.90	592						
555217 EMRCY BONAPARTE.....*	21-10	39	2	4-21,23,	59	2.0	10,309	4.81	496	16	77	+329	+.05	+20	+25
09-07-60 496783 1656152 1-71				57,63	25		9,908	4.76	472						
555243 SKYLINE DAWNS HERCULES.....*		4	12	2-42,47	17	2.0	8,684	4.58	398	31	29	+69	-.04	-1	+1
12-05-60 537423 1617336 5-71					7		8,314	4.80	399						
555245 BLUE BOULDER LAD.....*		1	11	1-35	11	3.3	10,373	4.80	498	30	24	-27	+.03	+2	+1
09-27-60 449173 1518541 5-71					20		10,587	4.68	496						
555249 EBER LEA FARMS COMET.....*		2	16	1-31	31	3.0	10,073	4.87	491	13	41	+18	-.04	-3	-2
03-10-60 496783 1531523 5-71					13		10,072	5.02	506						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST LAC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
555262 COBBLE CREEK BUNNYS COMMET....*		3	7	1-35	10	3.1	8,625	5.30	457	0	29	-159	+.08	0	-4
10-13-60 443144 1512402 5-71					8		9,138	5.01	458						
555334 ROLLING ACRES GOLD KING.....*		1	24	1-23	24	2.2	8,728	4.24	370	6	26	-76	-.10	-13	-13
04-04-60 446983 1051900 5-71					8		8,952	4.69	420						
555368 SPAR HILL SNOW MAN.....*		6	12	2-23,51	23	2.0	8,973	5.03	451	19	36	-390	+.13	-6	-15
01-03-61 499468 1867198 5-71					18		10,097	4.68	473						
555389 YELLOW CREEK TOP LADDIE.....*		3	19	1-35	23	2.7	10,210	5.00	511	17	31	+61	+.08	+11	+11
12-20-60 546396 1815429 5-71					23		10,051	4.76	478						
555390 YELLOW CREEK 8 SOUVENIR.....*		3	17	1-41	22	2.1	9,375	4.90	459	17	30	-277	+.12	-2	-9
12-22-60 547581 1896456 5-71					7		10,380	4.54	471						
555391 YELLOW CREEK TOP HONOR ACE....*	61-02	9	6	5-32,34,	22	3.0	12,121	4.63	561	0	49	+540	-.02	+23	+33
01-02-61 546396 1869057 5-71				35,57,72	12		11,163	4.66	520						
555398 LOCKSHORE MAGAR SULTAN.....*		5	13	1-34	34	2.6	11,002	4.63	509	13	46	+226	-.03	+8	+13
07-25-60 440484 1790181 5-71					33		10,603	4.68	496						
555446 SPRING LANE E BEACON.....*		2	11	1-31	13	2.4	7,900	4.67	369	42	25	-188	+.04	-5	-9
11-18-60 418022 1005313 5-71					14		8,555	4.55	389						
555454 ROMERT PERCYS SUPREME.....*		3	8	1-23	14	2.9	11,371	4.41	502	17	33	+381	-.08	+10	+18
12-08-60 475595 1793455 5-71					19		10,273	4.60	473						
555477 FAIR VIEW MAJESTYS KARL.....		2	7	1-11	14	2.0	8,187	4.62	378	46	32	-245	+.05	-7	-12
11-26-59 452075 1815582 5-71					9		8,891	4.47	397						
555516 JOHN PLAIN MALANAS CID.....*		1	18	1-43	18	2.9	7,880	4.51	355	7	27	-35	.00	-2	-3
11-26-60 527800 1609206 5-71					4		7,831	4.57	358						
555546 ANGSTMAN FARM POLLED CHAMPION.*		1	12	1-41	12	2.1	11,964	4.25	508	0	23	+356	-.11	+6	+14
10-01-60 530027 1954989 5-71					7		10,483	4.63	485						
555567 MANOR GENIUS.....*		2	21	1-51	23	2.6	9,308	5.09	474	5	29	-57	+.03	0	-1
01-30-61 516284 1858580 5-71					84		9,496	5.02	477						
555568 GRAND LAKE TRANSFERS MAJOR....*		3	7	1-31	13	2.2	9,454	4.18	395	**	31	+96	-.14	-9	-5
09-04-60 453207 1580709 5-71					9		9,092	4.66	424						
555597 MEADOWMARSH BUTTERFAT FLASH...*		8	7	3-41,86,	26	1.2	10,798	4.49	485	**	42	+4	-.05	-5	-4
03-22-60 475548 1748668 5-71				91	56		10,916	4.62	504						
555600 HILLCREST ACRES BONANZA.....*		5	3	1-35	13	1.9	7,956	4.93	392	**	39	-395	+.07	-12	-20
01-31-60 496783 1625044 5-71					13		8,905	4.75	423						
555602 GOLDEN DEW SWEET GARY.....*		10	1	4-48,71,	11	1.6	9,359	4.44	416	43	38	-63	+.01	-2	-3
08-15-60 529005 1696830 5-71				72,73	17		9,513	4.42	420						
555612 MEADOW LANE GALLANT.....*		2	17	2-34,48	19	2.1	10,218	4.66	476	6	26	+40	-.06	-4	-2
03-03-61 516703 1650634 5-71					8		10,114	4.95	501						
555626 MAPLE KNOLL DUKE JOLLY.....*		1	11	1-23	11	1.6	9,591	4.66	447	22	21	-345	+.03	-13	-20
02-15-61 538095 1356692 5-71					20		11,435	4.56	521						
555665 ARRUS LAUREL JESTER.....*		8	3	3-23,31,	18	1.9	9,701	4.55	441	27	45	-47	-.01	-3	-4
01-16-60 499077 1580224 5-71				56	23		9,826	4.59	451						
555693 WANDERING BROOK MISTER HONE...*		3	18	2-21,63	23	3.0	9,934	5.02	499	0	32	-81	+.07	+3	0
12-26-60 529809 1817020 5-71					26		10,254	4.83	495						
555737 MCKERROWS MISTER JACKSON.....*		4	4	1-35	13	3.0	10,392	4.70	488	**	39	+177	+.06	+14	+16
11-22-60 539469 1294241 5-71					8		9,966	4.54	452						
555754 GRAIN MEADOW V LEADER.....*		6	8	2-21,32	18	1.8	8,828	5.00	441	25	34	-186	+.06	-3	-7
08-22-60 529456 1303971 5-71					12		9,344	4.86	454						
555755 GRAIN MEADOW V OBERLAND.....*		2	46	1-93	50	2.3	10,256	4.67	479	18	30	-58	+.03	0	-2
12-06-60 529456 1690018 5-71					41		10,543	4.60	485						
555757 SUNNYMEDE SPECIALS SAINT.....*		4	17	1-43	31	2.1	11,052	4.96	548	8	37	+164	+.03	+11	+13
08-28-60 502177 1803434 5-71					21		10,713	4.92	527						
555819 WYNO HAMLETS HORNET.....*		48	22	16-14,15,	140	2.2	10,339	4.83	499	18	69	-160	+.07	-1	-5
12-26-60 543941 1800656 5-71				16,21,56	26		10,678	4.76	508						
555820 LISETER BRILLIANT RULER.....*		1	12	1-23	12	3.2	10,961	4.59	503	17	25	+109	-.02	+3	+5
12-19-60 499468 1606179 5-71					12		10,618	4.68	497						
555831 RADERS SUPREME MAX.....*		1	25	1-34	25	2.6	9,684	4.96	480	10	27	-37	+.01	-1	-2
09-28-58 475595 1745716 5-71					9		9,846	4.99	491						
555838 BOULDER CREEK L JET.....*		3	6	1-41	15	1.7	7,588	4.78	363	33	34	-425	+.02	-18	-26
11-18-60 539037 1495232 5-71					7		8,750	4.77	417						
555844 GRAYSMARSH MAINSTAY.....*		6	9	3-82,91,	25	2.1	9,278	5.03	467	10	42	-261	+.13	0	-7
08-23-60 506917 1827762 5-71				92	15		9,930	4.71	468						
555857 HOLLIKNOLL BONDS ANSON.....*		1	25	1-52	25	2.1	8,128	4.80	390	33	26	-294	+.03	-11	-17
10-11-60 446227 945721 5-71					12		9,235	4.73	437						
555865 THOMPSONS P FAME.....*		2	8	1-65	15	2.3	10,354	4.42	458	0	32	+120	-.03	+3	+6
01-17-61 512974 1836226 5-71					17		10,017	4.49	450						
555881 HIGH MEADOWS CORRECTOR.....*		4	6	2-21,73	16	1.6	10,867	4.85	527	58	34	-77	+.04	0	-2
11-09-60 540033 972756 5-71					21		11,259	4.79	539						
555886 WESTLYNN BONANZA SPLIT.....*		10	5	3-82,91,	28	1.8	9,205	4.60	423	20	51	-648	+.05	-26	-38
02-09-61 496783 1789320 5-71				92	27		10,564	4.53	479						
555953 ELMWOOD DAWNS ELROY.....		1	26	1-42	26	2.0	11,067	4.51	499	5	26	+330	-.01	+14	+20
02-07-61 537715 1880165 5-71					4		9,821	4.53	445						
555954 ELMWOOD JULIETS PLATO.....*		5	22	2-41,42	31	2.4	9,584	5.11	490	23	34	-334	+.10	-6	-14
03-28-61 546194 1935232 5-71					8		10,684	4.85	518						
555991 WALKER FARMS JERRY.....*		3	28	3-65,72,	32	2.0	11,236	4.60	517	8	29	+416	-.03	+16	+24
01-22-61 440484 1764187 5-71				74	116		9,809	4.71	462						
556016 BAYVILLE MASON.....*		2	6	1-52	12	2.1	7,743	4.78	370	33	30	-365	+.03	-14	-21
04-12-61 494035 1857605 5-71					92		8,872	4.70	417						
556020 EDISTO FARMS FLASHS STAR.....*	31-02	308	9	26-23,31,	1,208	1.5	10,076	4.68	472	18	97	+143	+.03	+10	+12
01-02-61 475548 1534347 1-71				43,56,58	28		9,961	4.65	463						
556021 EDISTO FARMS B PRINCE.....*		4	8	3-56,57,	13	1.5	10,589	4.56	483	**	27	+61	.00	+3	+4
01-22-61 544818 1356967 5-71				58	31		10,446	4.56	476						
556023 EDISTO FARMS G C BLUE.....*		1	20	1-56	20	1.7	8,452	4.53	383	13	24	-76	+.01	-3	-4
03-10-61 544819 1277886 5-71					16		8,677	4.55	395						
556059 WANDAMERE PRE TRUMPETER.....*		6	37	4-82,91,	56	2.2	10,438	4.93	515	25	37	-120	+.04	-2	-5
01-19-61 488786 1787285 5-71				92,93	40		10,895	4.89	533						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
556081 PLEASANT VALLEYS E BON DREAM..		1	16	1-42	16	1.9	10,413	4.63	482	33	24	+121	-.02	+4	+6
12-03-60 496783 1751456 5-71					5		9,929	4.72	469						
556084 HOMEWOOD PAULINES SUPERIOR....*		1	16	1-52	16	2.3	11,541	4.79	553	8	24	-1	+.01	+1	+1
11-22-60 524248 1745546 5-71					51		11,760	4.75	559						
556097 SHAMROCK T PRINCE.....*		1	10	1-86	10	1.7	12,583	4.16	524	14	20	-113	-.01	-6	-8
12-10-60 453207 1633539 5-71					96		13,539	4.22	571						
556100 GIPPY STEADFAST COLONEL.....*		4	15	1-56	31	2.4	8,336	4.39	366	25	39	-520	-.03	-27	-36
01-25-61 538590 1566093 5-71					33		9,661	4.51	436						
556109 CONOVERS MEL BA NEPTUNE.....*		4	22	4-22,23,	29	1.8	8,175	5.03	411	32	30	-240	+.07	-5	-10
04-19-61 538103 1822333 5-71				56,58	78		8,898	4.81	428						
556142 ELMARLO SUPREME MARTS JEWELER.*		2	15	1-35	17	2.8	10,812	4.50	487	12	28	+332	-.07	+8	+15
04-06-61 475595 1562536 5-71					9		9,619	4.77	459						
556159 MULHOCAWAY BUTTERFAT DIAMOND..*	23-08	42	2	2-23,50	71	2.2	8,934	4.84	432	16	79	-456	+.08	-14	-23
05-17-61 529775 1574851 5-71					20		9,496	4.76	452						
556160 FOREMOST HAPPY JUSTIN.....*		3	23	1-47	41	2.0	10,061	5.09	512	34	38	-71	+.06	+2	0
01-05-61 533454 1612306 5-71					14		10,319	4.98	514						
556165 FRANCHESTER CECILIAS NUGGET...*		10	11	7-11,12,	31	2.7	11,163	4.89	546	17	46	+15	-.01	0	0
12-03-60 496783 1204512 5-71				14,23,52	16		11,297	4.96	560						
556182 WOODACRES C CHIEF.....*	22-03	16	2	2-22,23	24	2.5	9,395	4.70	442	33	57	-77	-.03	-6	-7
02-03-61 425345 1730195 5-71					19		9,521	4.79	456						
556183 WOOOACRES KINGS C LEADER.....*		10	10	6-55,56,	37	1.7	8,907	4.65	414	20	49	-384	+.01	-17	-24
02-15-61 523825 1647514 5-71				57,58,63	47		9,694	4.65	451						
556193 CLEARVIEW FARMS P SAILOR.....*	21-10	25	2	5-11,12,	42	2.0	9,193	4.75	437	13	69	-404	+.12	-8	-17
03-27-61 540546 1645648 5-71				16,21,23	18		9,797	4.60	451						
556200 MCDONALDS J V EMINENCE.....*		2	17	1-21	29	2.6	10,405	4.70	489	3	37	+156	-.01	+6	+9
02-06-61 530291 1603549 5-71					23		10,024	4.75	476						
556234 POLY FLASH INDEX.....*	93-16	4	15	1-93	23	2.1	11,823	4.91	581	0	33	+53	+.05	+7	+7
03-20-61 475548 1732355 5-71					16		11,886	4.80	571						
556243 SCENICS ROMERO.....*		2	13	1-35	15	3.0	10,945	4.53	496	14	28	-18	+.02	+1	0
01-01-61 443144 1871087 5-71					13		11,167	4.45	497						
556244 SCHWINGHAMER FARM IMPERIAL....*		4	4	2-41,45	12	2.1	10,895	4.83	526	40	34	+270	+.04	+16	+20
12-17-60 513332 1864058 5-71					10		10,149	4.75	482						
556253 OLO FARMSTEAD E VALIANT.....*		4	18	1-42	27	2.3	9,103	4.79	436	16	33	-107	+.05	0	-3
01-14-61 524393 1743308 5-71					7		9,402	4.62	434						
556286 NORTH GATE DOLPHIN EMORY.....*		1	12	1-91	12	2.3	9,610	4.56	438	25	23	-60	+.01	-2	-3
04-24-61 529775 1832229 5-71					20		9,898	4.54	449						
556336 CHUKLUCK KING ARTHUR.....*		1	13	1-91	13	2.2	9,531	5.13	489	36	23	-241	+.06	-6	-11
08-07-60 519235 1650407 5-71					35		10,708	4.92	527						
556357 VILLA CREST F MASTER.....*		6	7	3-23,32,	22	2.2	10,497	5.05	530	0	43	-185	+.12	+3	-2
05-14-61 503781 1520237 5-71				72	17		11,075	4.80	532						
556359 VILLA CREST MIXER.....*		2	11	2-32,72	13	2.2	10,416	4.60	479	38	25	-204	+.07	-3	-8
07-29-61 545646 1809035 5-71					11		11,423	4.39	501						
556379 MARFREO C COMMANDER.....*		4	18	2-56,64	23	2.5	10,438	4.43	462	18	31	-27	-.06	-7	-7
09-09-60 511515 1677607 5-71					21		10,629	4.64	493						
556404 BLAKEFORD CLARAS BONANZA.....*		1	11	1-51	11	2.6	10,772	5.13	553	30	23	-77	+.05	+1	-1
02-05-61 496783 1967805 5-71					8		11,278	4.97	561						
556406 LAKE LOUISE OENISES TRAVELER..*	21-10	41	1	4-21,23,	51	2.3	9,115	5.07	462	26	76	-508	+.26	0	-13
03-11-61 506918 1406705 5-71				57,63	19		9,803	4.73	464						
556425 HOMINY HILL STANDARD.....*		3	13	1-23	18	1.8	10,214	4.82	492	25	29	-378	.00	-18	-25
10-17-60 422711 1876668 5-71					17		11,731	4.86	570						
556448 GARNAVILLO MICKEY.....		2	14	1-42	16	3.2	11,054	4.87	538	13	29	+232	-.03	+8	+13
04-29-61 544409 1565098 5-71					10		10,309	5.02	518						
556452 TIDELAND JASONS ACTOR.....*		4	19	2-35,72	28	2.8	8,912	5.26	469	4	35	-87	+.12	+7	+4
01-22-61 525910 1882956 5-71					18		9,115	4.93	449						
556478 NORTHFIELD KING JEWEL.....*		4	5	2-23,51	10	1.1	8,891	4.72	420	30	24	-137	+.02	-4	-7
01-17-61 518624 1673327 5-71					23		9,444	4.68	442						
556484 ROES MOR P BELLE BOY.....*		5	4	1-33	15	2.9	9,474	5.06	479	8	41	-108	+.11	+5	+1
01-01-61 524132 1353198 5-71					10		9,753	4.80	468						
556485 ROES MOR BON FAME.....*		7	7	2-33,35	20	2.1	10,143	4.78	485	24	40	+325	.00	+15	+21
01-23-61 496783 1778742 5-71					15		9,298	4.81	447						
556545 PRESTDALE KINGS REVERE.....*		3	4	1-35	10	1.1	10,138	4.47	453	0	26	+111	.00	+5	+7
04-04-61 543422 1836918 5-71					6		9,720	4.45	433						
556546 PRESTDALE TROJANS FAME.....*		3	15	3-82,86,	19	2.1	11,666	4.53	528	6	28	+236	-.04	+7	+12
05-08-61 493227 1541664 5-71				91	32		10,940	4.63	507						
556557 PETERSON FARM SUPREME AARON...*		1	29	1-41	29	2.7	8,367	4.63	387	14	28	+30	-.01	0	+1
07-12-61 475595 1706538 5-71					17		8,107	4.69	380						
556583 CHEDCO LORRAINES ACTOR.....*		2	19	1-32	38	2.0	8,394	4.74	398	14	39	-324	+.04	-11	-18
04-11-61 523823 1493307 5-71					22		9,173	4.63	425						
556588 LAUXMONT CITATION.....*	35-02	30	3	2-23,35	54	2.4	10,156	4.53	460	21	73	+25	-.08	-7	-5
08-05-61 510148 1402334 5-71					19		10,176	4.66	474						
556637 CLEARBRANCH FLASH MASTER.....*	35-75	19	40	11-23,41,	83	1.6	11,287	4.73	534	10	42	+354	+.04	+20	+26
04-09-61 475548 1665747 5-71				55,57,93	103		10,526	4.66	491						
556638 SANDY LANE FLASH ACE.....*		1	41	1-57	41	2.2	10,242	4.61	472	8	28	-45	-.02	-4	-4
04-22-61 475548 1844801 5-71					136		10,495	4.70	493						
556653 LAWLER B L C HOPES BONANZA....*		1	19	1-35	19	3.2	9,190	4.57	420	0	27	+24	-.02	-1	0
04-08-60 496783 2092675 5-71					3		9,043	4.70	425						
556670 BAYVILLE MAJESTIC EARL.....*		11	2	5-23,51,	14	1.4	9,516	4.92	468	46	42	-219	+.08	-3	-8
03-28-61 512477 1755186 5-71				52,56,63	24		10,084	4.77	481						
556671 GRAND VIEW PREDICTORS CHAMP...*		3	9	2-55,58	14	2.4	9,537	4.65	443	27	30	-274	+.05	-8	-14
03-02-61 547292 1142106 5-71					37		10,564	4.52	477						
556692 HIGH MEADOWS JOLLY INDICATOR..*		3	16	1-21	21	2.9	11,230	4.32	485	0	32	+135	-.05	+1	+4
02-12-61 439587 1789182 5-71					21		10,936	4.43	485						
556706 U OF M JETHROS FLASH.....*		3	19	2-41,46	23	2.1	8,403	4.93	414	0	29	+42	+.03	+5	+5
09-16-61 475548 1255243 5-71					33		8,107	4.84	392						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
556713 METZGER FARMS MASTER VIC.....*		3	58	2-32,52	71	1.6	10,203	5.12	522	16	30		+23	+.04	+5	+5
04-08-61 536783 1345728 5-71					22		10,184	5.02	511							
556719 FOREST HOMES KING.....*		1	11	1-35	11	3.0	10,664	4.42	471	**	24		+85	-.07	-3	0
06-07-61 533416 1579972 5-71					13		10,388	4.75	493							
556747 MER DONS FOREMOST COUNT.....*		1	15	1-31	15	2.7	10,934	4.91	537	13	25		+140	+.07	+13	+14
02-26-61 518090 1608058 5-71					8		10,465	4.66	488							
556764 ROSEWOOO ROSEYS ROYAL.....		2	37	2-32,33	39	2.5	7,857	4.38	344	9	29		+3	-.02	-2	-2
05-03-61 498183 1278889 5-71					9		7,647	4.49	343							
556765 ROSEWOOO NONAS AM8ASSAOOR.....*	33-03	32	20	15-23,32,	110	1.3	11,769	4.38	515	16	61		+257	-.05	+7	+12
05-06-61 498183 1010804 5-71				33,35,85	174		11,538	4.42	510							
556781 LAUXMONT CRUSAOER.....*	23-08	35	4	2-22,23	66	2.1	9,535	4.94	471	11	75		-49	+.14	+11	+8
09-11-61 510148 1517845 5-71					25		9,598	4.77	458							
556785 JAMES CANYON MINERVAS TRILLON.*		2	13	1-85	18	2.1	10,330	4.49	464	13	30		+20	-.01	0	+1
11-08-60 546724 1881051 5-71					18		10,333	4.50	465							
556786 KILOAIRES GOLO HOOSIER.....*		1	15	1-55	15	2.5	10,197	5.07	517	0	25		+154	+.02	+9	+11
02-28-61 423418 1267845 5-71					56		9,580	5.04	483							
556807 IOACREST FAMES PHARAOH.....*		4	16	2-82,86	33	3.0	10,283	4.58	471	3	42		+10	+.04	+4	+4
12-19-58 521451 1371888 5-71					45		10,328	4.47	462							
556826 RUTTER 8ROS HUSTLERS RICHARO..*		1	20	1-23	20	2.9	11,312	5.02	568	0	28		+126	+.02	+8	+10
03-29-61 544694 1837320 5-71					35		10,988	5.01	550							
556836 GRANO VIEW CHIEFTAINS KNIGHT..*		1	25	1-55	25	2.0	8,723	4.71	411	13	26		+108	.00	+5	+7
10-28-61 495409 1317443 5-71					8		8,162	4.70	384							
556860 ELRASON 8 LUCIFER.....*		2	20	1-92	22	3.8	9,523	4.69	447	5	31		-146	+.02	-5	-8
07-23-59 467224 1075319 5-71					28		10,042	4.66	468							
556875 HANOVER HILL 8EAU 8RUMMEL.....*	21-10	25	1	2-21,63	29	2.7	9,974	4.92	491	11	66		-160	+.11	+3	-2
05-04-61 503099 1430899 5-71					22		10,283	4.77	490							
556877 WANDERING 8ROOK J V DAN.....*		1	31	1-21	31	2.3	8,160	4.64	379	19	27		-281	-.01	-14	-19
03-17-61 530291 998940 5-71					9		9,154	4.74	434							
556896 LAY LAINE EM8LEMS FORTUNE.....*		1	31	1-58	31	1.7	12,082	4.31	521	24	25		+147	+.02	+9	+11
03-14-61 418022 1684199 5-71					94		11,705	4.17	488							
556926 GRAYSMARSH OAGGER.....*		3	17	2-82,91	27	1.9	10,228	4.90	501	26	33		-73	-.01	-4	-5
11-14-60 545150 1669366 5-71					28		10,542	4.96	523							
556944 WINN SCOTSMAN MONARCH.....*		6	16	1-48	29	1.7	9,677	4.71	456	23	35		-43	-.07	-9	-9
02-14-61 536610 1447206 5-71					14		9,822	4.96	487							
556953 MCOONALO FARMS MISTER ELVIS...*		2	31	1-65	33	2.1	9,840	4.78	470	12	29		-88	+.03	-1	-3
04-06-61 488786 1909739 5-71					115		10,209	4.72	482							
556954 MCOONALO FARMS 8RIGHT EM8LEM..*		1	24	1-65	24	2.3	9,878	4.73	467	12	26		-42	+.01	-1	-2
04-21-61 540033 1035829 5-71					124		10,085	4.73	477							
556965 SKYFIELOS QUEENS FLASH.....*		8	15	3-14,16,	47	2.5	10,127	4.47	453	3	51		-90	-.12	-16	-16
12-22-59 475548 1906458 5-71				57	45		10,382	4.72	490							
556971 8ROOK8ERRY JOLLY MONARCH.....*		1	10	1-52	10	3.5	11,059	4.71	521	0	25		+391	-.03	+15	+23
05-12-61 518023 1748463 5-71					42		9,452	4.87	460							
556974 KINGENDALE JOLLY RAIOER.....*		1	16	1-32	16	2.3	9,855	4.76	469	33	25		-97	-.01	-5	-7
04-12-60 529903 1283699 5-71					7		10,319	4.84	499							
557004 SKYLINE MASTERS ATLANTA.....		1	24	1-47	24	2.1	7,488	4.51	338	0	26		-222	+.02	-8	-12
05-28-61 546946 1954771 5-71					16		8,195	4.45	365							
557006 8ELNEMUS LLOYD 8ONANZA.....*		3	14	2-23,56	18	2.6	10,710	4.49	481	13	29		+90	-.05	-1	+2
11-23-60 496783 1609451 5-71					35		10,481	4.71	494							
557013 PLEASANT VALLEY 8ON SUPREME...*		3	25	1-84	29	2.8	11,200	4.68	524	13	30		+220	+.02	+12	+16
06-12-61 496783 1522477 5-71					17		10,571	4.62	488							
557031 HOLLIKNOLL PROUO HIGH TIME....*		11	11	4-23,35,	35	1.9	10,052	4.97	500	37	47		-138	+.14	+7	+2
06-11-60 500798 1328087 5-71				52,57	44		10,425	4.70	490							
557032 HOLLIKNOLL PROUO LEAOER.....*		14	10	5-23,52,	41	2.1	10,923	4.64	507	9	52		+384	-.03	+15	+22
08-04-60 500798 1537360 5-71				54,57,58	43		10,248	4.70	482							
557036 SUNESLOPE FAME OOMINANT.....*		9	17	3-41,42,	51	2.3	10,045	5.22	524	18	50		-133	+.01	-5	-8
12-18-60 512974 1627007 5-71				47	19		10,390	5.25	545							
557038 VER DELL CARMENS TRANSFER.....*		1	15	1-31	15	3.0	11,055	4.68	517	23	26		+142	+.05	+11	+13
12-09-59 453207 1758494 5-71					19		10,601	4.51	478							
557053 LAUXMONT CHERU8.....*		3	23	3-23,31,	27	2.2	7,928	4.68	371	9	29		-294	+.01	-13	-18
10-06-61 456337 1723320 5-71				32	12		8,853	4.70	416							
557058 SPAR HILL JOLLY LANCER.....*		2	7	1-31	10	2.4	8,792	5.25	462	0	27		-341	+.12	-5	-13
07-19-61 524993 1694662 5-71					17		10,121	4.81	487							
557060 CINDERFELLA OF LITTLE 8ROOK...*		3	8	2-42,47	11	2.0	9,679	4.44	430	13	27		+264	-.07	+5	+11
03-26-61 542790 1679419 5-71					6		8,577	4.76	408							
557066 MEETINGHOUSE LANE 8ASHFUL FAME*		7	3	1-23	12	2.0	11,219	4.69	526	14	38		+525	.00	+24	+34
10-22-61 512974 1821738 5-71					26		9,841	4.73	465							
557071 WHITE HOUSE 8RILLIANT LUCKY...*		5	5	2-51,55	13	2.2	7,935	5.00	397	23	34		-282	+.11	-3	-10
04-28-61 499468 1620758 5-71					21		8,683	4.65	404							
557091 ROLLING ACRES 8ON 8UTTER8OY...*		2	8	1-23	16	2.6	9,981	5.05	504	25	35		+247	+.01	+12	+16
09-24-60 496783 1657557 5-71					12		9,230	5.10	471							
557094 WOOOACRES MERYLS FAME.....*		3	33	1-23	37	2.0	10,217	4.71	481	26	29		-176	+.04	-4	-8
09-13-61 512974 1369854 5-71					28		10,974	4.60	505							
557097 VALLEY VIEW 8 8ON.....*		4	5	3-82,91,	10	2.9	10,773	4.93	531	0	31		-8	+.02	+2	+1
04-05-61 496783 1652041 1-71				92	37		10,933	4.88	534							
557100 QUAIL ROOST KATER OIAMONO.....*		1	11	1-52	11	2.5	9,475	4.88	462	**	23		+145	.00	+7	+10
07-24-61 492543 1509925 5-71					18		8,764	4.88	428							
557103 QUAIL ROOST LEAOERS NO8LE.....*		1	11	1-55	11	2.8	9,585	4.81	461	18	24		-95	-.02	-6	-7
11-21-61 549143 1873313 5-71					78		10,028	4.95	496							
557105 8RYN OU NORTHERN FAMOUS.....*		4	6	2-32,72	16	2.6	8,515	4.45	379	0	38		-11	+.02	+1	+1
12-10-60 530736 1609832 5-71					26		8,425	4.37	368							
557111 MARGENOELL YEOMAN.....*		1	26	1-33	26	2.1	9,486	4.87	462	19	26		-101	.00	-5	-7
03-06-61 512974 1660942 5-71					15		9,902	4.94	489							
557123 MELFIELD 8RILLIANT.....*		1	33	1-23	33	1.9	11,245	4.93	554	16	26		-25	+.02	+1	0
03-11-61 499468 1557187 5-71					16		11,534	4.86	560							

REGISTRATION NUMBER / NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES ND- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
557132 ECKMANS BONANZAS FROBAN.....*		2	15	1-48	17	1.7	10,275	5.36	551	29	25	-139	+.03	-4	-7
04-07-61 496783 1167341 5-71					18		10,975	5.33	585						
557186 GRAYSMARSH MAJESTY.....*		4	15	2-92,93	35	2.4	10,437	4.89	510	0	43	+275	+.07	+20	+24
11-13-60 506917 1520410 5-71					37		9,815	4.75	466						
557237 NORMANDY MOONSHINE.....*	34-01	44	3	3-32,34,	71	2.4	9,964	4.68	466	13	79	-33	-.09	-10	-9
03-07-60 496783 1451344 5-71				35	13		10,049	4.81	483						
557238 HOMEWOOD S N B LEO.....*		2	17	2-52,57	19	2.2	10,861	4.95	538	35	27	-178	+.07	-2	-6
04-17-61 545951 1833093 5-71					44		11,744	4.79	562						
557249 SKYFIELDS SWEET WILLIAM.....*		4	4	2-14,57	14	2.0	9,256	5.11	473	0	38	-277	+.15	+1	-6
05-04-61 418803 1562545 5-71					71		10,036	4.71	473						
557252 BROOKBERRY JOLLY COMET.....*		7	11	4-55,56,	24	1.7	9,746	4.61	449	37	36	-256	+.03	-9	-14
08-10-61 518023 1716934 5-71				57,63	61		10,544	4.55	480						
557285 VIADUCT LAD.....*		2	30	2-41,45	32	2.5	8,537	4.80	410	8	29	+76	-.01	+3	+4
04-22-61 517801 1587085 5-71					29		8,127	4.86	395						
557286 WING ACRES DESTINY CURTISS....*		2	24	1-42	26	2.3	9,712	4.48	435	8	28	+48	-.04	-2	0
06-05-60 495454 1886129 5-71					12		9,530	4.69	447						
557313 CLA ORE CASCADES DON.....*		1	51	1-86	51	1.9	10,751	4.58	492	7	27	-223	+.06	-5	-10
11-04-59 533481 1455794 5-71					39		11,784	4.44	523						
557330 LOCKSHORE FINANCIER.....*		3	28	1-34	32	2.6	9,448	4.87	460	7	31	+7	+.03	+3	+3
04-30-61 503781 1831163 5-71					12		9,403	4.79	450						
557331 LOCKSHORE MASTERBLEND KNIGHT..*		3	11	1-34	22	2.0	11,709	4.51	528	20	37	+58	-.10	-7	-4
05-02-61 548556 1616792 5-71					39		11,763	4.77	561						
557348 GUERNSEY LAND BELLES ONWARD...*	61-02	36	7	3-21,52,	112	2.0	10,189	4.76	485	10	78	+406	+.03	+22	+29
05-05-61 512974 1825683 5-71				57	22		9,676	4.73	458						
557356 ARTIE A STARS JIMMY.....*		1	17	1-35	17	1.9	10,565	4.32	456	71	23	-101	-.02	-7	-8
09-11-61 483285 1985817 5-71					14		11,160	4.46	498						
557386 LAUXMONT BERTHA P M MR BIG....*		1	24	1-52	24	2.0	8,757	4.75	416	19	26	-24	-.01	-2	-2
11-30-61 456337 1778356 5-71					46		8,770	4.86	426						
557391 HERMITAGE VIEW FORE DESTINY...*	93-16	26	6	11-21,31,	53	1.7	9,910	4.50	446	28	66	-63	-.05	-8	-8
09-01-61 515718 1813555 5-71				32,33,63	25		10,049	4.59	461						
557407 ELSVIEW FARM BELLFAST.....*		3	12	1-23	17	2.4	11,797	4.86	573	18	31	-21	+.03	+2	+1
07-22-61 512974 1652047 5-71					21		12,116	4.80	581						
557411 EAST MALTA VIKING.....*		3	5	1-23	10	2.7	8,021	4.56	366	25	31	-258	-.03	-15	-19
06-01-61 518025 1777007 5-71					19		8,787	4.75	417						
557428 NORTHERN L HERMES MILKMAN.....*		5	21	3-22,23,	30	2.0	8,427	4.97	419	16	32	-254	+.05	-7	-12
09-20-61 542793 1568359 5-71				58	72		9,173	4.85	445						
557430 NORTHERN L HERMES ABNER.....*		1	14	1-14	14	2.0	8,976	4.82	433	17	23	-125	+.02	-4	-7
12-03-61 542793 1791316 5-71					27		9,511	4.78	455						
557468 ANDY OF WOODRUFF FARM.....		1	18	1-42	18	1.5	7,884	4.83	381	50	23	-345	+.03	-13	-20
01-31-61 546250 1868518 5-71					10		9,381	4.69	440						
557469 FOREMOST PRINCE VALET.....*		1	13	1-32	13	1.8	9,453	4.81	455	20	22	-89	.00	-4	-6
05-25-61 542790 1707956 5-71					3		9,889	4.85	480						
557482 APPLEBROOK FAMES CORPORAL.....*	61-02	66	4	6-31,32,	144	1.6	10,081	4.51	455	11	86	+430	-.12	+8	+18
10-26-61 512974 1557296 5-71				33,61,63	12		9,573	4.65	445						
557496 KUHTZDALE S LUCKY.....*		1	16	1-35	16	1.5	9,481	4.68	444	9	23	+71	-.01	+2	+4
03-18-61 546672 1031622 5-71					16		9,114	4.77	435						
557505 LOCKSHORE L V NED.....*		1	25	1-31	25	2.4	10,574	4.95	523	4	27	+160	+.04	+11	+13
09-08-61 508809 1867282 5-71					5		10,026	4.87	488						
557518 SPAR HILL JOLLY NAVIGATOR.....*		2	10	2-23,56	12	1.7	10,604	4.65	493	18	24	-58	+.02	-1	-2
10-26-61 524993 1785673 5-71					33		10,992	4.60	506						
557519 SPAR HILL JOLLY REPEATER.....*		2	13	2-23,51	18	2.0	8,563	5.15	441	0	29	-36	+.10	+8	+6
11-13-61 524993 1694656 5-71					26		8,584	4.79	411						
557521 YORKLYNN BRILLIANT VIKING.....*		6	4	3-31,61,	18	2.1	10,386	4.65	483	**	45	+170	+.02	+10	+13
07-16-61 499468 1795994 5-71				63	16		10,048	4.60	462						
557529 HILLTOP FARMS F BRIAN.....*		1	16	1-33	16	2.5	9,332	4.86	454	13	25	-12	+.05	+4	+3
08-10-61 512974 1882027 5-71					20		9,354	4.68	438						
557542 WDDDACRES FLASH.....*		3	27	2-52,57	31	1.7	12,850	4.95	636	3	28	+584	+.08	+35	+44
08-19-61 475548 1962976 5-71					15		10,864	4.76	517						
557543 WDDDACRES MASTER CHIEF.....*	23-13	84	9	12-22,23,	352	1.8	10,484	4.72	495	10	91	+297	-.03	+11	+17
09-13-61 425345 1805826 5-71				56,57,91	25		10,214	4.77	487						
557561 TILLAMOOK MEADOWS WILLIE.....*		3	14	1-92	18	1.3	9,512	4.94	470	17	25	-183	+.04	-5	-9
08-17-60 499882 1221991 5-71					49		10,313	4.83	498						
557572 CHERDKEE CHIEF.....*		1	22	1-56	22	2.6	8,299	4.65	386	10	27	-179	+.05	-4	-8
10-10-61 543748 1945314 5-71					9		8,885	4.51	401						
557576 DULUTH S JUPITER.....*	41-01	8	3	3-41,48,	13	1.8	8,377	4.87	408	13	39	-327	+.03	-12	-18
12-07-61 512974 1809161 5-71				82	11		9,181	4.79	440						
557598 LINDEANS TINA VALIANT.....*		5	22	3-86,91,	34	1.7	9,853	4.60	453	19	33	-187	+.02	-7	-11
03-21-61 468032 1760815 5-71				92	32		10,513	4.57	480						
557603 WINDY HEIGHTS JOLLY LUNSFORD..*		1	16	1-31	16	2.4	10,190	4.78	487	0	26	+51	+.02	+4	+5
08-08-60 507763 1495822 5-71					6		10,030	4.73	474						
557609 SHAMROCK A PRECISEMOST.....*		1	31	1-86	31	1.9	12,906	4.48	578	10	26	+38	+.05	+7	+7
05-09-61 514298 1199690 5-71					90		13,107	4.28	561						
557620 SKIFF MT BONAIDE.....*		1	26	1-16	26	1.9	9,953	4.79	477	30	25	+175	+.03	+11	+14
12-11-61 496783 1827470 5-71					16		9,224	4.68	432						
557626 RED LEVEL BEAUTY PATRICK.....*		9	2	5-52,55,	13	2.1	10,066	4.58	461	10	43	+237	+.01	+12	+16
10-15-61 499283 1370826 5-71				56,64,72	26		9,497	4.55	432						
557648 PLAINVIEW FARMS BILLY.....		1	12	1-92	12	1.9	12,139	4.58	556	**	22	+305	+.02	+16	+21
11-13-61 511244 1560686 5-71					19		10,904	4.48	488						
557660 PASTURE HAVEN FINE PATTERN....*		3	8	2-32,72	14	1.4	9,795	4.89	479	31	28	-173	+.03	-5	-9
05-14-61 503781 1117811 5-71					16		10,502	4.84	508						
557665 CEE JAYS SUPREME KATER.....*		1	45	1-48	45	2.2	8,906	5.06	451	**	28	+187	.00	+9	+12
01-12-61 475595 1925655 5-71					21		8,092	5.13	415						
557671 HOLLIKNOLL PEERLESS.....*		1	14	1-52	14	1.6	7,583	4.98	378	33	22	-176	+.02	-6	-10
12-04-60 541674 1307224 5-71					16		8,250	4.93	407						

REGISTRATION NUMBER NAME DF BULL	STUD CODE	NUMBER DF HERDS	EFF DAU /HD	STATES NO- WITH MDST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU	MILK HERDMATE	% MILK	FAT %	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
557672 SARGEANT FARMS B B WONDER.....		1	17	1-58	17	2.4	7,710	4.35	335	**	25	-209	.00	-10	-14
02-20-61 493764 1490040 5-71					19		8,417	4.38	369						
557676 HAZEL FARM HAL CROSS.....*		4	12	2-35,41	20	2.6	10,399	4.60	478	19	34	+391	-.01	+17	+24
11-16-61 541009 1487565 5-71					19		9,210	4.63	426						
557677 HAZEL FARM BELTANE.....*		3	8	1-35	17	2.6	9,945	4.48	446	0	37	+29	-.02	-1	0
11-22-61 540670 1832715 5-71					19		9,893	4.58	453						
557688 CLEAR SPRINGS BUTTERFAT CHUM..*		12	3	4-55,56,	21	2.1	10,508	4.51	474	5	50	+172	-.06	+2	+6
07-01-61 493764 1867905 5-71				57,58	23		10,223	4.62	472						
557696 CLEARBRANCH FLASH BARDN.....*		2	22	1-57	24	2.0	9,545	4.85	463	5	27	-113	+.04	-1	-4
08-05-61 475548 1588754 5-71					125		10,009	4.75	475						
557705 DUTCH MILL BILLYS VALOR.....*		4	14	2-35,42	25	1.9	11,158	4.78	533	22	35	-28	+.01	0	-1
10-25-61 511244 1850985 5-71					12		11,418	4.76	544						
557710 HARMONY FAMES SPOTLIGHT.....*		5	4	2-48,73	16	1.8	11,785	4.31	508	44	40	+557	-.12	+14	+26
04-17-61 512974 1932258 5-71					14		10,484	4.55	477						
557720 HOLLIKNOLL BONDS FOOTPRINT....		1	15	1-52	15	1.7	9,541	4.52	431	9	23	+45	-.02	0	+1
11-11-59 446227 1808827 5-71					12		9,311	4.61	429						
557727 SOUTH VIEW FAMES REGAL.....*		3	5	1-32	10	2.4	11,302	4.93	557	14	31	-28	+.03	+2	+1
12-08-61 512974 1307405 5-71					16		11,592	4.86	563						
557729 CEE JAYS SUPREME BILLY.....*		1	18	1-48	18	2.1	8,918	4.99	445	**	25	+109	.00	+5	+7
03-03-61 475595 1633906 5-71					33		8,354	5.04	421						
557737 LANCES KING BILLY.....*	35-05	2	13	2-35,63	15	2.1	14,184	4.44	630	0	26	+737	-.08	+26	+41
09-18-61 547459 1928916 5-71					19		11,516	4.68	539						
557741 MUNGLES J C ROCKY.....*		3	11	2-65,73	18	1.9	9,584	4.22	404	17	31	-171	-.01	-9	-12
04-13-61 511404 1260699 5-71					77		10,205	4.25	434						
557752 BAYVILLE ROYAL RAYMOST.....*		3	14	2-34,52	19	2.1	9,883	4.89	483	18	30	-69	+.05	+2	0
01-31-61 449539 1369113 5-71					132		10,172	4.70	478						
557754 BAYVILLE ROYAL LANCER.....*		2	10	1-55	13	1.5	10,468	4.62	484	9	25	+95	-.04	+1	+3
08-19-61 449539 1691286 5-71					15		10,134	4.76	482						
557770 VERNS FAME OF HARPERS FARM....		1	11	1-14	11	2.1	10,123	4.95	501	13	22	-34	+.09	+7	+5
07-13-61 512974 1606258 5-71					13		10,354	4.58	474						
557772 COLBYS MINNIES MONARCH.....*		2	35	2-23,34	37	2.1	11,855	4.75	563	23	28	+15	.00	+1	+1
07-17-61 512974 1104226 5-71					22		12,042	4.74	571						
557775 COLBYS BDMBER.....*	34-01	17	2	2-32,34	30	2.3	10,242	4.58	469	19	62	-4	-.11	-11	-9
09-11-61 512974 1124343 5-71					14		10,319	4.77	492						
557787 KUHTZDALE MISTER CHIPS.....*		2	8	1-35	15	1.0	11,790	4.73	558	**	27	-25	-.02	-3	-3
08-13-61 530229 1481467 5-71					11		12,138	4.84	588						
557794 OSTRODKAS PRIDES FAME.....*		4	10	2-33,57	22	2.0	8,239	4.90	404	19	37	-247	+.07	-5	-11
11-10-61 512974 1564013 5-71					46		8,830	4.72	417						
557821 ERWIN FARMS FRANKS SUPERIOR...*		1	10	1-71	10	1.4	7,416	4.38	325	0	20	-8	.00	0	0
11-16-61 540198 1806858 9-70					31		7,221	4.38	316						
557836 NORGERTS ROYAL LEADER.....*		2	23	2-32,72	25	2.2	11,988	4.74	568	21	27	+24	+.02	+3	+3
12-20-61 473218 1546923 5-71					35		12,151	4.69	570						
557854 SPAR HILL JOLLY SENTINEL.....*		4	10	2-23,51	22	1.7	8,978	5.02	451	32	36	-174	+.13	+4	-1
08-27-61 524993 1303191 5-71					14		9,446	4.66	440						
557861 HOLLIKNOLL BONDS KING.....*		1	22	1-52	22	2.2	9,215	4.54	418	24	26	-244	-.03	-14	-18
12-20-58 446227 1167018 5-71					16		10,224	4.69	479						
557875 JOHN PLAIN MALANAS QUEN.....*		11	4	2-33,35	26	2.2	8,087	4.87	394	21	53	-579	+.13	-15	-27
09-20-60 527800 1455486 5-71					20		9,123	4.61	421						
557887 LAUXMONT ARBUTUS L C IMPORTANT*		1	13	1-52	13	1.9	8,220	4.85	399	18	23	-199	+.01	-8	-12
12-08-61 548954 1963633 5-71					54		9,046	4.84	438						
557896 HIGH MEADOWS JOLLY LAFAYETTE..*	93-16	11	20	4-21,86,	60	1.2	11,537	4.42	510	**	46	+464	-.12	+9	+20
07-30-61 439587 1304977 5-71				91,93	112		10,622	4.65	494						
557897 HIGH MEADOWS ADAPTER.....*		2	14	1-21	18	2.6	9,089	4.91	446	10	29	-196	+.06	-3	-8
09-05-61 518014 1703303 5-71					18		9,785	4.73	463						
557899 HIGH MEADOWS REGAL COLLECTOR..*		10	3	8-48,71,	23	1.7	9,501	4.44	422	24	50	-200	-.02	-11	-14
10-11-61 543695 1541778 5-71				73,74,85	97		9,936	4.49	446						
557900 NYALA VALORS KNIGHT.....*		2	19	1-32	24	1.6	9,321	4.27	398	31	28	-177	-.03	-11	-14
10-11-61 543818 1985762 5-71					63		9,999	4.39	439						
557914 ADOHR TOPNOTCH CALIFORNIAN....*		1	19	1-93	19	1.4	11,373	4.32	491	**	23	+334	-.08	+8	+15
09-07-61 543673 1738524 5-71					35		9,925	4.60	457						
557923 COULEE COUNTRY HANNABUL.....*		5	7	2-35,42	19	2.0	9,877	4.51	445	35	38	-155	-.07	-14	-16
09-07-61 550449 1650014 5-71					11		10,359	4.72	489						
557931 DEERSHORN FAME.....*		2	18	2-16,48	20	2.4	10,379	4.37	454	17	28	+69	-.06	-3	-1
12-17-61 512974 1546007 5-71					41		10,187	4.60	469						
557944 WOODACRES EMPORERS JUPITER....*	31-02	1	22	1-31	22	2.7	11,277	4.45	502	7	27	+398	.00	+18	+25
09-27-61 549588 1413825 5-71					18		9,836	4.42	435						
557946 WOODACRES MOS MERIT.....*		2	22	2-22,56	24	2.1	9,808	4.49	440	0	28	+113	-.01	+4	+6
11-02-61 425345 1916620 5-71					43		9,378	4.52	424						
557947 WOODACRES MO MASTER.....*		4	29	1-93	36	1.5	10,362	4.74	491	32	29	-497	+.07	-17	-27
11-22-61 425345 1577928 5-71					81		12,379	4.58	567						
557948 HOMINY HILL SUNLIGHT.....*		9	23	3-91,92,	53	1.9	10,754	4.93	530	17	43	-20	+.02	+1	0
10-28-60 422711 1864033 5-71				93	30		10,933	4.91	537						
557949 HOMINY HILL HAROLD.....*		8	11	6-12,23,	39	2.0	10,417	4.70	490	18	49	+198	+.05	+14	+17
01-11-61 547319 1555386 5-71				31,35,56	20		10,060	4.60	463						
557954 COBBLE HILL PHAREKA CAMELOT...*		2	7	1-16	11	2.4	13,461	4.44	597	20	28	+461	-.07	+14	+24
12-01-61 505970 2003050 5-71					15		12,071	4.62	558						
557968 OEL EDEN BONAVENTURE.....*	35-05	42	3	8-35,41,	75	2.1	9,957	4.51	449	20	79	+106	-.10	-5	-1
12-07-59 475548 010073635 5-71				42,48,73	25		9,844	4.64	457						
557983 FOREMOST HAPPY STERLING.....*		2	6	1-84	10	2.9	10,676	4.53	484	0	30	+468	-.02	+20	+29
09-25-61 533454 1750017 5-71					15		9,064	4.56	413						
557990 HILL GIRT J V GALLANT.....*		2	9	1-23	11	2.0	10,640	5.13	546	0	24	+117	+.06	+11	+12
04-28-61 524993 1927017 5-71					22		10,212	4.95	506						
558001 GRAYSMARSH COMMAND.....*		4	31	2-91,92	37	2.4	10,069	4.39	442	26	31	-9	-.01	-1	-1
10-28-61 517067 1904690 5-71					18		10,155	4.42	449						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
558010 STEDE WELLS WIRTS DUKE.....*		1	11	1-35	11	2.2	10,703	4.92	527	0	22	-58	+.08	+5	+3
02-13-61 530293 1737566 5-71					4		11,120	4.60	512						
558021 NORLYNS B ANDY.....*		2	13	1-84	16	1.6	10,499	4.73	497	**	26	-3	+.04	+4	+3
08-20-61 545271 1999011 5-71					14		10,611	4.57	485						
558024 GOLD BANNER S GRANT.....*		5	9	2-31,32	16	2.1	9,778	4.57	447	6	32	-115	-.03	-8	-10
10-11-61 475595 1792501 5-71					16		10,198	4.68	477						
558026 PINE HILL ROSAS FAME.....*		1	10	1-64	10	2.0	8,171	4.19	342	29	22	-35	-.04	-5	-5
12-09-61 512974 1275519 5-71					12		8,193	4.38	359						
558030 DEERSHORN K VICTOR.....*		4	27	2-32,61	52	1.9	10,227	4.61	471	3	40	+71	+.07	+10	+10
06-02-61 515261 1606255 5-71					54		10,097	4.42	446						
558062 GOLDEN GRANGE MAGIC EVANG.....*		2	32	1-32	34	2.4	8,550	4.73	404	17	29	-8	-.02	-2	-2
09-15-60 509407 1103034 5-71					14		8,466	4.87	412						
558066 CROASDAILE ACTORS OR8IT.....*		1	23	1-55	23	2.5	9,930	4.79	476	0	27	-30	-.03	-4	-4
11-17-61 476271 1476554 5-71					52		10,091	4.96	501						
558077 DIAMOND ACRES NO8LEMAN KNIGHT.*		2	17	1-23	19	1.7	6,945	4.72	328	0	26	-181	.00	-8	-11
09-05-61 536891 1881426 5-71					13		7,441	4.77	355						
558093 CLEVERLANDS PABLOS LANCER.....*		3	14	1-93	18	1.8	12,488	4.48	560	13	27	-4	+.05	+5	+4
12-18-61 516329 1220032 5-71					110		12,826	4.30	551						
558094 HERMITAGE VIEW FORE EXPERT....*		1	40	1-56	40	1.8	9,264	4.53	420	14	27	-85	-.04	-8	-9
08-22-61 515718 1878992 5-71					16		9,585	4.75	455						
558114 LYRENE MAESTROS NATHAN.....*		2	15	2-34,42	19	2.3	11,575	4.98	576	11	29	+333	+.05	+20	+25
09-07-61 531527 1864457 5-71					7		10,501	4.89	513						
558131 SPRING RIOGE GOLDEN FAME.....*		4	4	1-35	11	2.6	9,586	4.92	472	10	34	-86	+.04	0	-2
06-03-61 512974 1469096 5-71					16		9,866	4.83	477						
558133 SPRING RIOGE G FALCON.....*	23-09	5	5	2-35,85	15	1.7	10,729	4.91	527	15	35	+400	+.04	+23	+29
08-20-61 512974 1874596 5-71					88		9,589	4.82	462						
558134 SPRING RIDGE FORWARD LAO.....*		2	12	1-42	14	2.4	9,361	5.01	469	9	26	+2	+.03	+3	+3
09-05-61 382418 1573433 5-71					10		9,323	4.92	459						
558147 WANDERING BROOK J V MARK.....*		2	11	1-14	17	1.8	9,970	4.72	471	31	30	-153	-.01	-8	-11
07-19-61 530291 1746492 5-71					16		10,587	4.80	508						
558148 WANDERING BROOK J V PEGASUS...*		3	22	2-23,50	32	2.2	10,963	4.72	518	29	34	+39	-.05	-3	-1
10-06-61 530291 1691766 5-71					13		10,980	4.90	538						
558158 ARLAOOR BILLY.....		2	23	1-35	25	2.4	8,553	4.76	407	19	28	-187	+.04	-5	-9
10-19-61 550449 1919173 5-71					14		9,171	4.65	426						
558179 VALLEY SET FINANCIERS ARTIST..*		3	15	2-32,72	20	2.0	10,291	4.96	510	18	30	-56	+.05	+2	0
11-14-61 503781 1762718 5-71					21		10,579	4.81	509						
558181 TOMA HONOR.....*		2	7	1-35	11	3.1	10,685	4.82	515	9	31	+113	+.05	+10	+11
09-04-61 492616 1955371 5-71					12		10,389	4.67	485						
558183 GARNAVILLO BEACON.....*		2	8	1-42	15	2.5	9,514	4.69	446	29	34	-116	-.01	-6	-8
09-08-61 514133 1477423 5-71					14		9,883	4.75	469						
558188 FALCONS PREDICTOR DAVIO.....*		4	13	3-16,23,	18	2.6	10,416	4.48	467	7	32	+192	-.08	+1	+6
11-02-61 503099 1451250 5-71				51	20		9,826	4.75	467						
558220 MEADOW LANE EM8LEM.....*		3	8	1-34	18	1.9	10,733	4.47	480	8	35	-14	-.09	-9	-9
06-30-61 418022 1639956 5-71					7		10,903	4.72	515						
558232 WESTERN GLOW NODS BONANZA.....		1	18	1-91	18	1.6	9,027	4.38	395	20	23	-172	-.02	-10	-13
03-28-61 546330 1839609 5-71					3		9,794	4.51	442						
558233 BELLEMONTE STARS FAME.....*		1	11	1-52	11	2.0	11,227	4.61	518	18	22	+74	-.03	+1	+3
01-14-62 512974 1798528 5-71					23		11,024	4.74	523						
558237 HANOVER HILL FAME SUCCESS.....*	33-03	8	9	5-14,21,	25	2.0	12,194	4.46	544	26	42	+606	-.15	+13	+27
11-28-61 512974 1789753 5-71				23,35,91	18		10,860	4.78	519						
558246 STEDE WELLS WIRTS MARTIN.....*		1	10	1-42	10	2.1	7,778	4.81	374	11	22	+9	+.01	+1	+1
06-09-61 530293 1847433 5-71					9		7,525	4.81	362						
558260 HILLSPRIDE CHAMPIONS MASTER...*		1	14	1-93	14	1.9	6,620	4.44	294	10	23	-382	.00	-18	-25
01-01-62 422711 1670483 5-71					14		8,121	4.51	366						
558287 EOISTO FARMS STEADFAST BUTLER.*		5	8	1-56	29	2.1	8,844	4.52	400	0	49	-211	-.02	-12	-15
10-13-61 538590 1639870 5-71					49		9,238	4.60	425						
558289 EOISTO FARMS STEADFAST KING...*		7	3	3-56,57,	11	1.5	10,992	4.43	487	**	33	+157	-.05	+2	+6
11-11-61 538590 1704410 5-71				63	46		10,615	4.56	484						
558290 EOISTO FARMS BLZ RANOY.....*		1	14	1-57	14	2.4	10,183	4.84	493	8	25	+74	+.05	+8	+9
11-22-61 543210 1406698 5-71					24		9,908	4.65	461						
558294 KENMIR ROYAL CAPTAIN.....*		2	9	2-31,57	11	2.5	9,629	4.89	471	30	25	-32	+.04	+2	+1
10-19-61 536269 1703032 5-71					26		9,777	4.76	465						
558296 ROCKWOOD CHARMING PRINCE.....*		1	25	1-52	25	1.6	8,151	4.96	404	16	24	-189	+.04	-5	-9
11-27-61 472164 1729671 5-71					36		8,853	4.83	428						
558301 WESTERN GLOW BETTYS BRILLIANT.*		1	19	1-91	19	2.3	8,719	4.34	378	33	25	-355	-.05	-21	-27
01-23-61 499468 2025712 5-71					16		10,183	4.58	466						
558305 WESTERN GLOW RADIANT NO8LE....*		1	16	1-91	16	2.0	11,883	4.59	546	0	24	+44	+.02	+4	+4
10-23-61 529775 1963044 5-71					16		11,929	4.51	538						
558308 SUNESLOPE FAME EMORY.....		3	4	1-41	11	1.9	10,546	4.25	448	63	31	+153	-.10	-3	+1
08-04-61 512974 1720287 5-71					11		10,098	4.59	464						
558311 SUNESLOPE FAME ELMER.....*		1	24	1-41	24	2.2	8,603	4.59	395	17	26	+41	-.02	0	+1
09-21-61 512974 1720288 5-71					15		8,312	4.74	394						
558339 WOOLSEY SELECT OON.....*		1	11	1-51	11	1.5	9,571	4.63	443	20	20	-61	+.01	-2	-3
11-06-60 441206 1780245 1-71					28		9,908	4.64	460						
558346 CLA ORE NIXONS BRANDON.....*		1	48	1-86	48	1.8	12,006	4.49	539	0	27	+209	.00	+10	+14
02-02-62 551346 1827329 5-71					40		11,412	4.47	510						
558359 CASTLE BROOK KINGS OAVIO.....*		1	11	1-35	11	1.6	7,829	4.37	342	14	21	+29	-.01	0	+1
10-19-61 506243 1690046 5-71					43		7,471	4.47	334						
558368 RIDGEWAY RED FAME.....*		7	5	1-21	14	2.0	8,331	4.45	371	25	36	-406	-.05	-23	-30
07-24-61 512974 1077736 5-71					19		9,456	4.63	438						
558376 GOLDEN HARVEST LYNOON.....*		2	20	1-16	22	2.4	9,115	4.37	398	6	28	-144	.00	-7	-10
09-17-61 505970 1823647 5-71					32		9,626	4.42	425						
558385 GIPPY HERMES HEARTBREAKER.....*		13	2	4-52,55,	22	1.7	9,186	4.52	415	14	52	-155	-.02	-9	-11
08-31-61 546206 1754865 5-71				56,64	29		9,470	4.56	432						

REGISTRATION NUMBER / NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
558388 ELMWOOD IVYS PRINCE.....*		1	23	1-42	23	3.0	9,871	4.88	482	9	28	+108	+.04	+9	+10
12-14-61 537715 1982997 5-71					8		9,472	4.76	451						
558391 SHAMROCK 8ON PYRAMID.....*	51-02	51	3	7-23,31,	100	2.5	9,433	4.77	450	11	84	+55	-.01	+2	+3
06-12-61 496783 1619287 5-71				51,52,54	23		9,338	4.80	448						
558433 SUNESLOPES 8ON 8ANNER.....*		3	19	1-42	23	2.2	10,791	4.65	502	5	29	+231	.00	+11	+15
01-13-62 496783 1777867 5-71					19		10,036	4.64	466						
558434 YELLOW CREEK 8FT JOHN GLEN....*		8	9	6-22,23,	28	1.6	9,853	5.04	497	7	42	-150	+.17	+9	+4
01-15-62 547583 1615757 5-71				31,34,52	94		10,276	4.67	480						
558469 MULHOCAWAY 8UTTERFAT JACO8....*		3	17	3-22,32,	24	1.4	8,332	4.46	372	38	28	-290	.00	-13	-18
12-05-61 525396 1505688 5-71				51	13		9,336	4.48	418						
558492 YELLOW CREEK C GENERAL.....*		13	6	3-23,32,	31	1.7	11,161	4.83	539	17	52	+4	+.02	+2	+2
10-07-61 522462 1769769 5-71				57	11		11,322	4.81	545						
558495 HIGH MEADOWS CHARMER.....*	91-11	2	16	1-31	20	2.4	11,487	4.80	551	15	29	+305	-.01	+13	+19
01-01-62 511244 1977642 5-71					14		10,531	4.88	514						
558496 LISETER SOVEREIGN.....*		3	15	2-23,61	19	2.0	10,129	4.61	467	41	27	-215	-.03	-13	-16
11-28-61 499468 1722330 5-71					29		11,060	4.75	525						
558497 EMROY 8IL8O.....		4	14	2-21,57	26	2.6	10,925	4.81	525	24	38	+263	+.02	+14	+18
10-08-61 511244 1656152 5-71					19		10,288	4.77	491						
558504 TAR8ELL FAMES MASTERPIECE.....*		5	3	3-52,55,	10	1.4	9,110	4.63	422	33	30	-122	+.02	-4	-6
11-28-61 512974 1221178 5-71				56	25		9,509	4.62	439						
558511 SPRUCE SHAOOWS M ZEPHER.....*		2	18	1-41	20	2.8	9,284	4.60	427	16	28	+33	-.01	+1	+2
11-26-61 527413 1681111 5-71					12		9,114	4.63	422						
558522 WESTLYNN 8 NAUGHTY 8OY.....*		3	10	2-82,91	14	1.8	10,271	4.98	512	8	26	+105	+.11	+16	+16
05-04-61 496783 1213979 1-71					15		9,892	4.57	452						
558531 ELMWOOD FAYELLAS PRINCE.....		1	21	1-42	21	2.2	10,621	4.68	497	14	26	+23	-.01	0	+1
11-13-61 537715 1844782 5-71					8		10,634	4.76	506						
558553 FOREMOST HAPPY ACE.....*	23-05	67	5	3-23,43,	179	2.1	8,885	4.91	436	19	88	-583	+.17	-12	-25
12-17-61 533454 1004897 5-71				50	14		9,543	4.73	451						
558566 SOUTH VIEW T C LOYAL.....*		2	7	1-32	11	1.9	13,113	4.71	618	18	27	+506	-.02	+21	+31
01-10-62 549235 1834569 5-71					20		11,426	4.82	551						
558577 GREAT ELM O NEAL.....		3	5	1-32	13	1.6	10,404	4.60	479	0	32	+33	+.04	+5	+5
08-03-61 544683 1646047 5-71					52		10,373	4.48	465						
558583 ROSEWOOD NAPOLEON.....*		6	22	1-61	39	1.7	10,284	4.77	491	16	36	+181	+.03	+11	+14
01-10-62 547878 2005016 5-71					7		9,794	4.71	461						
558634 MEADOWMARSH FLASH MASTERPIECE.*	35-21	36	2	5-34,35,	47	2.2	9,371	4.95	464	21	74	-219	+.14	+3	-3
02-03-61 475548 963160 5-71				41,42,91	15		9,673	4.77	461						
558638 PASTURE HAVEN FINE IDEAL.....*		3	7	2-32,72	14	1.0	10,339	4.73	489	8	27	+251	.00	+12	+16
11-20-61 503781 1854630 5-71					19		9,388	4.73	444						
558643 SILVER MT 8ONFREE.....*		1	21	1-16	21	2.2	9,195	4.77	439	25	26	-222	+.07	-4	-9
04-09-61 496783 1874669 5-71					48		10,115	4.55	460						
558673 GAYOSO VIEW FAMES FORTUNE.....*		2	23	2-23,52	25	1.4	10,077	4.59	463	45	25	-16	.00	-1	-1
03-22-61 512974 1784471 5-71					35		10,202	4.67	476						
558675 GAYOSO VIEW FAMES VALOR.....*		4	7	1-63	14	2.1	10,223	4.30	440	0	34	+341	-.08	+8	+15
08-11-61 512974 1352161 5-71					23		9,158	4.50	412						
558676 GAYOSO VIEW FAMES M SUPREME...*	21-10	31	2	9-11,12,	42	2.1	9,499	4.75	451	29	70	-402	+.08	-11	-20
10-21-61 512974 1704723 5-71				14,16,21	21		10,123	4.65	471						
558689 MULHOCAWAY 8UTTERFAT JUPITER..*		7	8	4-23,31,	20	2.2	10,574	4.79	507	7	39	+135	-.06	0	+4
10-30-61 525396 1910441 5-71				57,72	17		10,295	4.99	514						
558700 PRINCE CHARM OF RIDGEWAY.....*		1	15	1-23	15	1.9	8,843	4.32	382	10	23	+25	-.05	-4	-3
10-14-61 543348 1832958 5-71					11		8,632	4.61	398						
558715 REN LO LEADERS MAJOR.....*		4	6	1-33	19	1.7	9,104	4.80	437	11	38	-429	+.06	-14	-23
11-29-61 510322 1721449 5-71					12		10,298	4.65	479						
558720 MAPLE LEAF VICTORY.....		1	18	1-41	18	1.4	8,913	4.66	415	0	23	+26	-.01	0	+1
12-12-61 411518 1931894 5-71					18		8,704	4.72	411						
558721 MAPLE LEAF MIXER.....*		4	6	1-41	11	1.6	8,726	4.77	416	30	27	-504	.00	-23	-32
01-12-62 541140 1206070 5-71					11		10,712	4.77	511						
558724 SILVER MT P MARATHON.....*		2	17	1-21	21	2.6	9,642	4.68	451	5	30	-83	-.02	-6	-7
12-22-61 517081 1883025 5-71					26		9,952	4.80	478						
558727 DAR8Y MAPLE HONOR.....*		2	9	2-31,58	15	2.8	8,074	4.87	393	0	32	-65	+.03	0	-2
05-12-60 440484 1764980 5-71					33		8,131	4.77	388						
558738 ROSEWOOD V 8EACON.....*		11	8	1-42	36	2.1	9,346	4.70	439	10	53	-208	+.02	-8	-12
07-22-61 547878 1759580 5-71					7		9,755	4.70	458						
558740 WILLOW SPRING FINANCIER.....*	35-05	9	12	4-31,32,	27	2.4	11,701	5.23	612	4	41	+299	+.14	+28	+31
06-25-61 503781 1457740 1-71				34,35	14		11,115	4.99	555						
558746 LEAFY OAK N NO8LE.....*		1	18	1-31	18	1.8	10,546	4.49	473	19	24	+145	-.04	+3	+6
07-12-61 489690 1663521 5-71					11		9,963	4.62	460						
558761 MAPLEVALE 8EN HUR.....*		2	20	2-21,23	22	2.2	12,028	4.63	557	14	27	+364	-.02	+15	+22
10-27-61 496783 1694592 5-71					50		10,819	4.69	507						
558762 MAPLEVALE 8ARONET.....*		2	9	1-52	11	1.8	7,969	4.86	387	29	24	-312	+.03	-12	-18
11-02-61 496783 1897688 5-71					27		9,266	4.76	441						
558770 MAPLE CREST PRE ROSE LAD.....*		1	12	1-35	12	2.0	9,430	4.53	427	27	23	-202	-.05	-14	-17
08-24-61 487032 1520186 5-71					13		10,406	4.80	500						
558790 LAUXMONT SEQUEL.....*		1	11	1-23	11	2.1	8,119	4.79	389	0	22	-24	+.01	0	-1
03-11-62 456337 1887888 5-71					18		8,077	4.74	383						
558793 GAYOSO VIEW FAMES FOREMOST....*	33-03	13	15	5-22,31,	53	2.5	11,684	4.74	554	9	54	+510	.00	+24	+33
04-01-61 512974 1572496 5-71				65,91,92	21		10,853	4.76	517						
558818 JOHN OF WALNUT MANOR.....*		3	26	2-32,34	30	1.9	8,922	5.03	449	28	28	-185	-.01	-10	-13
11-04-61 440484 1921828 5-71					26		9,575	5.14	492						
558829 RED LEVEL 8EAUTY PAULASON.....*		3	10	1-52	23	1.7	10,488	4.88	512	31	37	+79	+.07	+10	+10
02-16-62 499283 1495055 5-71					20		10,347	4.74	490						
558834 MAPLE DAWN HALS ARKY.....		5	6	1-34	18	2.2	9,955	4.91	489	0	41	+64	+.02	+5	+6
12-31-61 550957 1853333 5-71					18		9,817	4.88	479						
558844 WILLOWMORE SPOTS SLOGAN.....		1	19	1-35	19	2.5	9,740	4.74	462	6	26	0	+.01	+1	+1
12-11-61 419221 1776237 5-71					10		9,758	4.69	458						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
558873 FRANCHESTER VALIANT KING.....*		4	4	2-31,42	11	1.6	10,859	4.76	517	20	31		-130	+.03	-3	-6
02-09-62 530291 1860307 5-71					25		11,468	4.71	540							
558893 YELLOW CREEK TOP HOPE.....*		1	11	1-32	11	3.7	10,710	4.78	512	9	25		+152	-.05	+2	+6
02-20-61 546396 1800192 5-71					13		10,156	5.04	512							
558894 YELLOW CREEK 8FT GYPSY PRINCE.*		5	18	3-32,57,	25	2.0	11,055	5.02	555	16	31		+56	+.12	+14	+13
12-11-61 547583 1420891 5-71				73	10		11,010	4.70	518							
558895 YELLOW CREEK 8FT MONOPOLY.....*		4	10	3-35,61,	21	2.2	9,166	5.18	475	14	37		-262	+.13	0	-7
12-16-61 531473 1589707 5-71				85	30		9,908	4.86	482							
558905 HILL O HOME JOLLY.....		1	20	1-35	20	1.7	8,020	4.61	370	**	24		-75	+.01	-3	-4
09-03-61 543700 1919704 5-71					12		8,191	4.64	380							
558920 GEURKINKS FAMES RASTUS.....*		3	14	2-73,74	18	2.5	7,646	4.45	340	7	30		-205	+.05	-5	-9
08-25-61 512974 1686414 5-71					24		8,202	4.29	352							
558923 GIPPY CONSUL.....*		3	4	2-56,57	10	1.8	8,223	4.90	403	20	29		-256	+.06	-6	-12
02-13-62 538590 1357226 5-71					37		9,038	4.70	425							
558926 JU DONS HARDY VIKING.....		2	13	1-43	16	1.7	9,676	4.74	459	0	26		-79	+.03	-1	-3
11-20-61 518025 1906214 5-71					5		10,023	4.70	471							
558947 HOUSLEYS J CHAMPION.....*	35-75	4	19	3-34,63,	25	2.3	13,866	4.51	625	6	31		+1,083	-.01	+49	+69
07-28-61 540627 2001383 5-71				65	53		10,478	4.49	470							
558959 AVONDALE FARMS SUPER8.....*		6	7	1-42	17	1.4	7,632	4.93	376	62	34		-236	+.07	-4	-9
02-07-61 496783 1163702 5-71					8		8,188	4.70	385							
558962 GRAY HAVEN CHIEF.....*		5	26	2-31,32	37	1.7	8,871	4.64	412	28	32		-395	+.01	-17	-24
08-02-61 425345 1870763 5-71					10		10,176	4.62	470							
559025 LAVON FARMS LUCKY FLASH.....*		1	15	1-74	15	2.3	9,846	4.62	455	9	25		+140	+.03	+9	+11
02-23-62 548809 1954855 5-71					62		9,249	4.51	417							
559029 MER DONS FOREMOST BEAUTY KING.*		3	28	2-31,57	50	1.7	9,159	4.95	453	14	38		+7	+.01	+1	+1
08-24-61 518090 1108288 5-71					39		9,086	4.95	450							
559030 OAK GROVE ROBERT.....*		2	11	1-41	19	2.4	8,452	4.73	400	6	34		-268	+.06	-7	-13
01-18-61 541006 1783320 5-71					17		9,189	4.59	422							
559039 TWIN OAKS BASIL.....		2	8	1-41	11	3.0	8,864	5.00	443	0	29		-150	+.08	+1	-3
06-08-61 506078 2077600 5-71					7		9,359	4.69	439							
559067 DEWAN FARMS REGAL DESTINY.....*		2	8	1-21	10	2.0	11,750	4.79	563	30	23		+208	+.02	+12	+15
01-07-62 546618 1755572 5-71					13		10,983	4.73	520							
559083 EDISTO FARMS STEADFAST MARVEL.*		2	31	1-56	33	3.0	10,327	4.66	481	4	31		+91	+.03	+7	+8
09-28-61 538590 1622825 5-71					21		10,077	4.57	461							
559109 SERGEANT LAUXMONT.....*		8	8	5-15,16,	25	1.4	10,361	4.74	491	19	41		+266	+.02	+14	+19
03-20-62 510148 1749238 5-71				23,51,52	28		9,724	4.70	457							
559182 GROTON HOUSE JOS PRIAM.....*		5	4	2-14,23	11	1.7	10,204	4.37	446	30	32		+1	-.13	-12	-10
05-21-61 541049 1162992 5-71					17		10,265	4.77	490							
559186 HI VU HANDY KOSMO.....*		2	27	1-48	29	2.7	8,836	5.13	453	18	29		-207	+.12	+2	-4
06-08-61 540577 1462064 5-71					15		9,539	4.68	446							
559191 BROWNIES FARMS COMET.....*		5	2	1-92	11	1.6	10,086	4.86	490	17	35		-216	+.04	-6	-11
10-31-61 488786 1024218 5-71					17		10,822	4.77	516							
559193 CRESTVIEW MEMOS NO8LE.....*		4	6	2-23,58	12	1.4	8,534	4.45	380	9	28		-297	+.04	-10	-16
09-20-61 489690 1416093 5-71					9		9,583	4.35	417							
559198 SUNNY LANE HARM KING.....*		3	7	2-31,42	20	2.0	8,195	4.80	393	38	40		-363	+.04	-13	-20
09-20-60 536269 1750785 5-71					22		9,043	4.70	425							
559231 GUERNSDEL ROMULUS CHIEF.....*		1	16	1-55	16	2.8	8,633	4.89	422	18	26		-269	+.07	-6	-12
05-10-61 510148 1675521 5-71					47		9,680	4.64	449							
559234 BAYVILLE MAJESTIC STAR.....		2	12	1-57	14	2.1	10,977	4.66	511	**	26		-52	-.06	-8	-8
06-30-61 512477 1403666 5-71					21		11,352	4.92	558							
559237 BAYVILLE LEADING HERALD.....*		2	25	1-51	32	2.1	7,279	4.92	358	16	31		-344	+.05	-11	-18
10-26-61 549143 1663133 5-71					25		8,240	4.76	392							
559240 BAYVILLE ROYAL FAVOR.....*		2	9	1-52	12	2.9	11,098	4.49	498	8	29		+217	-.03	+7	+11
11-09-61 449539 1539181 5-71					36		10,431	4.55	475							
559241 BAYVILLE MARINER OF FAME.....*		7	31	5-23,51,	74	1.8	10,501	4.65	488	12	45		+215	-.06	+4	+9
11-20-61 512974 1857606 5-71				52,55,63	103		10,069	4.79	482							
559268 SANDIA VISTA G HANK.....*		1	13	1-85	13	2.3	10,072	4.49	452	10	24		-74	+.02	-2	-4
12-04-61 551323 1735280 5-71					24		10,472	4.44	465							
559297 MAYNARD OF RED GATE FARM.....*		11	2	3-32,33,	14	2.4	9,911	4.72	468	25	46		+199	-.04	+5	+9
01-14-61 540322 1623705 5-71				35	10		9,465	4.84	458							
559319 IDEALS FACTOR.....*	35-75	1	34	1-22	34	1.9	10,704	4.89	523	6	26		+46	-.01	+1	+2
02-27-61 532698 1741972 5-71					102		10,630	4.97	528							
559320 WESTERN GLOW M D MILKMASTER...*		6	9	2-91,93	28	2.1	12,361	4.71	582	4	45		+279	.00	+13	+18
08-26-61 512974 1930192 5-71					9		11,978	4.71	564							
559336 SPRING FLOS FAMES LAD.....*		3	9	2-35,85	13	2.2	10,361	4.63	480	27	27		-12	.00	-1	-1
04-19-61 512974 1901875 5-71					55		10,494	4.67	490							
559341 MINELDA NICK.....*		1	10	1-41	10	1.1	9,782	4.56	446	**	18		+29	-.01	0	+1
07-05-61 512974 1665720 9-70					12		9,620	4.62	444							
559347 CEDAR8ROOK J S MARSHALL.....*		3	12	2-31,72	21	1.9	10,698	4.33	463	16	33		+409	-.09	+10	+19
03-20-62 475595 1788521 5-71					54		9,453	4.57	432							
559351 DEEP LAKE FLASHS JETHRO.....*		6	22	5-16,21,	33	1.9	11,765	4.96	583	6	33		-116	+.06	0	-3
11-17-61 475548 1308140 5-71				22,23,51	21		12,395	4.83	599							
559384 NESLEKCIM ZENITHS EM8LEM.....*		1	13	1-93	13	2.5	10,532	4.50	474	0	24		+132	-.04	+2	+5
07-01-61 510014 1714840 5-71					41		10,027	4.69	470							
559412 KAY LON FREDAS FA8RON.....		3	10	2-82,92	14	1.1	7,547	5.13	387	**	23		-340	+.07	-9	-16
12-03-60 529395 1789302 5-71					10		8,940	4.81	430							
559419 8ROWNIES FARMS OFFICIAL.....*	91-13	40	4	7-41,47,	90	1.7	10,072	4.84	487	19	79		-367	+.14	-4	-13
02-27-62 496783 1926898 5-71				82,91,92	17		10,640	4.69	499							
559426 CHAPPELL STEADFAST RAY.....*		4	13	3-52,55,	21	1.8	9,338	4.52	422	6	32		+106	-.02	+3	+5
08-20-59 486789 1431073 5-71				56	69		8,939	4.59	410							
559460 HARGOODS KING PETER.....*		1	18	1-23	18	3.9	12,175	4.99	608	6	28		+321	+.03	+18	+23
12-11-59 517753 1503023 5-71					33		11,201	4.97	557							
559464 8AY MEADOW CHAMPION COUNT.....*		1	17	1-93	17	2.3	11,751	4.39	516	14	25		-18	+.01	0	0
01-13-62 549864 1884300 5-71					38		12,071	4.38	529							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
559484 GRAYCE FARMS FOREMOSTS JESTER.*	35-75	8	7	3-33,43,	25	2.4	11,163	4.45	497	9	47	+786	-.08	+28	+44
01-31-62 518090 1398688 5-71				48	15		9,479	4.61	437						
559485 MAURANA FINANCIERS GALIANT....*	35-05	38	4	5-32,35,	76	2.2	9,490	4.74	450	16	77	-30	+.01	0	-1
07-01-61 503781 1179397 5-71				41,42,48	16		9,519	4.73	450						
559486 MAURANA FINANCIERS GUS.....*		3	15	2-32,48	20	1.6	11,110	4.39	488	19	28	+162	-.09	-1	+3
08-03-61 503781 1854208 5-71					14		10,635	4.69	499						
559490 MANOR BRIGHT LAD.....*		1	27	1-51	27	2.3	9,395	5.10	479	8	27	-33	+.04	+2	+1
03-17-62 499468 1508815 5-71					87		9,508	5.00	475						
559508 IDEALS MONITER.....*		1	21	1-31	21	1.9	9,090	5.02	456	44	25	-288	+.04	-10	-16
01-05-60 532698 1905264 5-71					12		10,341	4.91	508						
559509 IDEALS SUMNER.....*		2	22	1-31	26	2.3	9,193	4.38	403	30	29	-70	-.05	-8	-8
03-21-60 540197 1518237 5-71					24		9,420	4.59	432						
559531 HILLOALE KALMAS CHAMP.....*		1	11	1-41	11	2.5	9,169	4.86	446	20	23	-141	+.01	-6	-9
11-12-61 500515 1616107 5-71					12		9,797	4.89	479						
559543 SPRUCE SHADOWS M THOR.....*		4	19	1-41	24	2.0	10,835	4.31	467	6	30	+24	-.02	-1	0
04-03-62 527413 1263440 5-71					19		10,879	4.37	475						
559575 KLEINPETER FARMS V PEER.....*		2	24	1-72	26	2.0	8,864	4.35	386	11	27	-262	-.01	-13	-18
04-05-62 518023 1773575 5-71					49		9,852	4.42	435						
559601 GOLDWOOD HARVEY.....*		4	5	2-12,14	10	1.8	9,867	4.60	454	13	28	+1	+.01	+1	+1
05-05-62 422711 1417666 5-71					21		9,891	4.55	450						
559629 YELLOW CREEK BUTTERFAT PONTIUS*		3	9	1-32	13	2.1	10,396	4.60	478	17	27	-52	+.01	-1	-2
02-14-62 475595 1418197 5-71					9		10,701	4.57	489						
559642 SNAKE RIVER BONANZAS PREMIER..		1	28	1-82	28	2.3	9,992	4.67	467	5	28	-282	+.01	-12	-17
11-28-61 496783 1669914 5-71					23		11,175	4.65	520						
559658 GAYOSO VIEW FAMES DAVE.....*		2	24	2-65,71	26	2.1	10,260	4.44	456	**	28	+390	-.03	+15	+23
03-14-60 512974 1266592 5-71					40		8,770	4.55	399						
559670 TIDELAND JASONS HERCULES.....*		2	12	2-85,86	23	2.0	10,877	4.49	488	0	35	+2	+.04	+4	+3
03-21-61 525910 1685916 1-71					36		11,010	4.37	481						
559671 MCDONALD FARMS B EMBASSADOR...*		5	19	2-23,52	41	1.9	10,573	4.73	500	19	41	+278	-.02	+11	+16
12-17-61 511244 1810843 5-71					12		9,921	4.80	476						
559672 MCDONALD FARMS JV EDUCATOR....*		3	17	1-21	21	2.2	11,372	4.79	545	10	29	+79	+.02	+6	+7
12-25-61 530291 1977108 5-71					13		11,262	4.74	534						
559673 MCDONALD FARMS JV FREEMAN.....*		4	14	1-21	21	2.2	9,956	4.81	479	20	32	-10	+.03	+2	+1
01-07-62 530291 1799675 5-71					24		10,029	4.74	475						
559683 POMONA ACRES KINGS LEADER.....*		2	13	1-31	15	2.5	9,512	4.90	466	27	27	-145	+.03	-4	-7
11-25-61 497410 1723528 5-71					14		10,110	4.84	489						
559695 NORGERTS ROYAL TIM.....*	35-75	11	24	4-23,32,	58	2.0	12,402	4.56	565	8	46	+441	-.10	+10	+20
01-08-62 473218 1956000 5-71				57,72	28		11,634	4.76	554						
559697 NORGERTS QUEBEC R KAJOHN.....*		5	3	2-21,33	11	2.1	9,179	4.83	443	10	35	-183	+.04	-5	-9
02-17-62 521320 1685385 5-71					25		9,715	4.75	461						
559700 HOLLIKNOLL CAPTAINS MAJESTY...*		8	8	3-52,55,	30	1.9	10,582	4.62	489	15	49	+245	-.03	+8	+13
01-02-62 527802 1537360 5-71				63	55		10,132	4.70	476						
559715 PRINCE FAME.....		1	35	1-63	35	2.6	7,068	4.74	335	7	29	-119	-.01	-6	-8
08-29-61 512974 1884720 5-71					13		7,246	4.80	348						
559716 HOMEWOOD W P LEO.....*		3	39	3-52,56,	43	2.0	12,177	4.74	577	15	29	+249	-.01	+11	+16
12-06-61 545951 1745546 5-71				57	43		11,503	4.77	549						
559725 CHEOCO LINAS ACTOR.....*		3	15	2-14,16	19	1.6	9,574	4.96	475	19	27	-325	+.10	-6	-13
02-13-62 523823 1743446 5-71					20		10,933	4.64	507						
559728 BROWNIES FARMS OLANDO.....*		1	38	1-92	38	1.8	11,371	4.41	501	12	27	+68	-.05	-2	0
12-06-61 550232 1828972 5-71					16		11,284	4.62	521						
559763 ROSENDAHL BILLY BOY.....*		4	21	3-15,16,	27	1.7	11,174	4.95	553	27	29	+13	+.07	+7	+6
03-15-62 511244 1501897 5-71				21	26		11,295	4.76	538						
559780 REO GATE FARM MONARCH.....*		1	13	1-33	13	1.7	9,753	4.78	466	8	22	-1	-.04	-4	-3
10-15-61 512974 1456092 5-71					7		9,777	5.02	491						
559787 GRANOVU Y C J S RANGER.....*		1	23	1-35	23	1.9	9,134	4.78	437	36	25	-188	-.02	-11	-14
04-07-61 475595 1120212 5-71					31		9,913	4.91	487						
559799 GRANOVU L M CASEY.....*		2	27	1-35	29	2.2	9,552	4.74	453	23	28	-64	-.04	-7	-7
04-29-61 440484 1748826 5-71					29		9,803	4.94	484						
559800 WAGNERS LEVITY KING.....*		3	5	1-33	13	1.8	8,335	5.37	448	**	34	+44	+.20	+21	+19
07-05-61 547058 1761925 5-71					8		8,046	4.70	378						
559841 RO SAN FARM STARLIGHT.....*		1	16	1-33	16	1.4	8,401	4.87	409	22	22	+79	-.01	+3	+5
11-26-60 536846 1749511 5-71					4		7,864	4.95	389						
559853 MCDONALD FARMS BRIGHT FANCIER.*		1	28	1-21	28	2.2	10,435	5.04	526	4	27	+197	+.11	+20	+22
04-04-62 540033 1704195 5-71					14		9,711	4.68	454						
559854 MCDONALD FARMS REGAL FASHION..*	93-16	4	48	1-93	56	1.0	10,402	4.59	477	6	26	-101	.00	-5	-7
04-15-62 543695 1943570 5-71					169		10,923	4.64	507						
559889 MATOAKA LUCIUS ROMULUS.....*		1	16	1-58	16	1.6	9,221	4.23	390	46	23	-215	.00	-10	-14
07-01-61 467477 931322 5-71					78		10,238	4.27	437						
559912 LAGRACARMEL BONANZA RICHARD...*		3	16	2-23,51	21	2.5	7,755	4.51	350	0	31	-1	.00	0	0
03-01-62 496783 1426027 5-71					11		7,552	4.53	342						
559937 STERLING JOLLY ALISTER.....*		1	10	1-23	10	2.8	8,649	5.05	437	22	23	-474	+.08	-15	-25
06-08-62 524993 1409844 5-71					33		10,817	4.74	513						
559947 U OF M D FAME.....*		4	12	2-41,45	19	1.3	7,426	4.75	353	21	28	-284	.00	-13	-18
10-27-61 512974 1677037 5-71					29		8,297	4.78	397						
559964 BRAE BONNIE FAMES BELLBOY.....*		2	12	2-31,72	15	2.3	7,034	4.75	334	15	28	-350	+.05	-12	-19
10-17-61 512974 1907753 5-71					15		8,139	4.61	375						
559965 BRAE BONNIE FAMES COLONEL.....*		1	13	1-31	13	2.0	7,014	4.83	339	33	23	-196	+.02	-7	-11
10-26-61 512974 1880250 5-71					11		7,685	4.75	365						
559971 CLEARBRANCH CHALLENGER.....		1	11	1-57	11	1.5	10,890	4.15	452	14	20	-56	-.07	-9	-9
03-03-62 538753 1609954 9-70					2		11,341	4.47	507						
559972 CROCKERS BUTTERFAT BLEND.....*		3	7	2-32,72	10	1.5	7,867	4.77	375	57	23	-312	+.04	-11	-17
02-18-60 513811 1645089 5-71					21		9,175	4.62	424						
560010 RIDGE VIEW BRIGADIER STAR.....*		2	15	1-35	17	2.4	10,171	4.56	464	6	27	+146	-.06	+1	+5
04-08-62 552424 1666703 5-71					9		9,636	4.78	461						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS	REC/DAU HEROMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
560013 LEAFY LANE SUNGOLD V F MONARCH*		2	10	2-31,32	12	1.5	10,140	5.03	510	20	23	-246	+.05	-7	-12
04-06-62 512974 1575445 5-71					13		11,401	4.87	555						
560015 SHADY LAWN VALOR.....*		2	10	1-21	12	2.0	8,745	4.41	386	22	24	-167	+.01	-7	-10
07-05-61 543818 1775827 5-71					20		9,426	4.40	415						
560023 PENSTATE FLAKER.....*		1	12	1-23	12	1.7	10,610	4.55	483	42	21	-60	-.03	-6	-7
02-21-62 475548 1611910 5-71					10		11,040	4.76	526						
560029 LYRENE FINANCIER.....*		7	19	6-31,32,	34	1.8	11,428	5.03	575	12	36	+331	+.03	+18	+24
02-24-62 503781 1762507 5-71				34,35,48	12		10,614	5.03	534						
560035 MED O 8LOOM BURGER MASTER.....*		1	23	1-34	23	2.8	11,088	4.82	534	27	27	+90	-.02	+2	+4
11-28-61 511244 1551316 5-71					41		10,879	4.93	536						
560067 YELLOW CREEK 8UTTERFAT SUCCESS*	31-02	25	6	9-23,31,	51	2.2	10,373	5.21	540	13	66	-585	+.28	-2	-17
04-01-62 493764 1896456 5-71				32,33,57	18		11,437	4.85	555						
560072 MCDONALD FARMS RC FARREL.....*		8	5	2-23,52	22	1.3	11,085	4.84	536	19	44	+430	+.06	+26	+33
05-11-62 548194 1805851 5-71					49		10,163	4.72	480						
560082 BAYVILLE OUKE OF SUSSEX.....*		4	12	1-52	22	2.0	8,449	4.52	382	20	34	-349	.00	-16	-22
01-21-62 535492 1720584 5-71					43		9,455	4.56	431						
560084 8AYVILLE 8ILLY JESTER.....*		1	15	1-52	15	2.1	8,401	4.86	408	13	24	-65	+.01	-2	-3
02-06-62 511244 1755185 5-71					10		8,568	4.87	417						
560085 8AYVILLE 8ILLY ALERT.....*		2	8	2-52,55	11	2.0	8,845	4.74	419	33	26	-259	-.02	-14	-18
02-17-62 511244 1924528 5-71					72		9,880	4.86	480						
560086 BAYVILLE VERITY MASTER.....*		2	9	1-52	17	1.9	8,411	4.80	404	7	32	-318	+.08	-7	-14
03-28-62 546149 1369113 5-71					10		9,377	4.54	426						
560088 BAYVILLE VERITY ENSIGN.....*		2	8	1-55	10	1.8	10,284	4.56	469	60	23	-64	.00	-3	-4
04-02-62 546149 1755186 5-71					23		10,674	4.58	489						
560090 CLOVERLAND B LEADER.....*		3	18	2-23,51	22	1.7	11,373	4.55	518	8	27	+328	-.04	+11	+18
02-11-62 499468 1473520 5-71					36		10,221	4.69	479						
560109 MONTE VISTA FARMS FABIAN.....*		1	16	1-93	16	1.8	11,133	4.72	526	31	24	+129	+.01	+7	+9
03-05-62 512974 1863896 5-71					63		10,693	4.69	502						
560128 ELMWOOD ARLENES PRINCE.....		1	18	1-42	18	2.2	10,271	4.55	467	7	26	+304	-.05	+9	+15
04-18-62 537715 1730946 5-71					7		9,022	4.77	430						
560155 MULHOCAWAY BUTTERFAT ASTRONAUT*		3	34	1-51	38	1.7	8,839	5.20	460	0	28	-236	+.15	+3	-4
01-31-62 493764 1731541 1-71					32		9,706	4.63	449						
560156 MULHOCAWAY 8UTTERFAT PETER....*		3	10	3-22,23,	15	1.9	9,562	4.83	462	17	29	-197	+.04	-5	-9
02-22-62 525396 1584035 5-71				51	32		10,318	4.70	485						
560175 GOLDEN HILLS P RAIDER.....*		8	6	4-31,32,	17	1.6	10,547	4.72	498	21	36	+156	+.03	+10	+12
03-30-62 547985 1566439 5-71				61,63	18		10,162	4.64	472						
560183 LOCKSHORE K FORESQUIRE.....*	35-05	8	26	3-23,34,	40	1.9	12,253	4.84	593	15	34	+133	+.07	+13	+14
02-07-62 552662 2029477 5-71				35	45		12,108	4.68	567						
560237 HOMINY HILL JOLLY.....*		9	1	4-16,22,	10	2.3	9,026	4.81	434	10	39	-359	+.08	-9	-17
01-20-62 547319 1228170 1-71				23,56	28		9,984	4.62	461						
560240 HOMINY HILL DELITE.....*		3	12	2-23,52	20	2.2	13,857	4.69	650	0	33	+534	-.06	+19	+30
02-06-62 547319 1703472 5-71					25		12,523	4.86	608						
560242 HOMINY HILL HOLLISTAR.....*		1	17	1-72	17	2.5	8,181	4.08	334	0	26	+19	-.05	-4	-3
03-01-62 422711 1611692 5-71					29		7,937	4.31	342						
560243 HOMINY HILL LARMIE.....*		2	12	2-23,85	14	2.6	11,106	4.57	507	0	27	+302	+.06	+20	+24
03-23-62 547319 1181296 5-71					15		10,038	4.31	433						
560244 HOMINY HILL WONDER.....*		3	11	2-23,52	15	1.1	10,683	4.60	491	13	23	+165	-.02	+6	+9
03-26-62 422711 1794095 5-71					49		10,008	4.69	469						
560246 HOMINY HILL HOLLIREX.....*		2	18	2-16,21	20	1.8	11,821	4.60	544	15	26	+43	-.04	-2	-1
04-13-62 547319 1876667 5-71					24		11,876	4.77	566						
560248 HOMINY HILL HERDSMAN.....*	35-05	47	3	5-33,35,	91	1.5	10,601	4.52	479	19	81	+261	-.13	-1	+6
04-16-62 547319 1801348 5-71				41,42,73	16		10,349	4.70	486						
560249 HOMINY HILL SUMNER.....*		1	12	1-58	12	1.8	9,284	4.27	396	18	22	+106	-.02	+3	+5
05-11-62 422711 1876668 5-71					51		8,705	4.31	375						
560266 MERIT GAYMAR ALEX.....*		1	17	1-57	17	1.0	9,659	4.58	442	**	20	-33	+.02	0	-1
10-09-61 542554 1770231 5-71					26		9,850	4.46	439						
560278 MT ARARAT 8ALBOA.....*		2	13	1-51	15	1.8	9,750	4.52	441	17	25	+22	-.02	-1	0
06-13-61 509283 1849638 1-71					41		9,665	4.66	450						
560285 EBER LEA FARMS KING.....*		1	13	1-31	13	1.8	9,732	5.00	487	**	23	+49	+.06	+8	+8
01-18-62 546422 1639666 5-71					9		9,502	4.76	452						
560296 WOODACRES MOS GEM.....*		5	21	4-23,51,	33	2.2	9,710	4.75	461	10	35	+40	+.03	+5	+5
01-29-62 425345 1751759 5-71				52,55	112		9,592	4.67	448						
560302 MAYLEE MANOR FAME.....*		3	10	1-34	15	1.9	12,068	5.22	630	20	29	+45	+.10	+12	+11
01-12-62 512974 2008117 5-71					12		12,165	4.97	605						
560345 SUNRAYS BONANZA TRANSFER.....*		1	19	1-72	19	2.2	5,913	4.53	268	0	25	-262	+.03	-9	-14
01-28-62 496783 1982940 5-71					33		6,661	4.41	294						
560347 CORNER VIEW K PREDICTION.....*		2	10	1-21	18	1.4	8,994	4.90	441	35	30	-455	+.12	-10	-20
08-27-61 526595 1255937 5-71					12		10,594	4.55	482						
560361 FLO RAYS E 8OND.....*		4	22	1-43	34	1.5	10,477	4.76	499	4	32	+107	+.03	+8	+9
06-14-62 529281 1610572 5-71					11		10,203	4.67	476						
560363 MAXVALES C KING.....*		3	16	1-91	20	2.5	10,142	4.86	493	0	29	-55	+.03	0	-1
02-19-61 543422 1965506 5-71					24		10,409	4.83	503						
560377 MAPLE DAWN FASHIONER HAP.....*		3	8	1-34	22	1.8	9,940	4.73	470	21	40	-371	-.05	-22	-28
03-09-62 505613 1929456 5-71					14		10,998	4.88	537						
560406 LOMALITA VALOR.....*		3	8	1-48	11	2.1	8,572	4.54	389	14	26	-100	-.01	-6	-8
07-18-61 529980 1543716 1-71					14		8,882	4.66	414						
560453 IDEALS TILTON.....*		1	16	1-35	16	2.1	8,822	4.56	402	23	24	-160	-.05	-12	-14
03-03-61 540197 1587247 5-71					15		9,480	4.81	456						
560462 SPAR HILL JOLLY BELLRINGER....*		3	12	2-13,21	19	2.0	9,182	4.85	445	33	31	-360	+.02	-15	-22
02-20-62 524993 1550300 5-71					17		10,434	4.80	501						
560468 PAT X FAME MAX.....*		1	15	1-61	15	2.1	10,016	4.65	466	8	24	+169	+.02	+10	+13
03-23-62 512974 2041048 5-71					5		9,267	4.55	422						
560470 GRAYSMARSH LANCER.....		2	17	2-91,93	22	1.8	10,458	4.93	516	0	29	+406	.00	+19	+26
02-07-62 545150 1357304 5-71					21		8,984	5.00	449						

REGISTRATION NUMBER / NAME / OF SIRE	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
560477 CLEARVIEW FARMS CHIEF.....*	21-10	30	2	8-11,14,	42	1.8	9,774	4.66	455		20	69	-126	+.03	-3	-6
04-09-62 425345 1645648 5-71				16,21,23	20		9,993	4.63	463							
560507 FLO RAYS WINSOM.....*		9	3	2-33,43	18	1.9	8,670	4.69	407		0	47	-450	+.07	-14	-23
02-11-62 529281 1726452 5-71					17		9,622	4.55	438							
560514 GRAIN MEADOW V STEADFAST.....*		1	26	1-32	26	1.8	8,956	4.60	412		8	26	-1	-.03	-3	-3
09-03-61 529456 1303971 5-71					8		8,888	4.80	427							
560515 GRAIN MEADOW V NO8LEMAN.....*		2	12	2-35,85	14	2.4	10,366	4.77	494		15	27	-114	+.03	-2	-5
01-30-62 529456 1652734 5-71					51		10,927	4.69	513							
560525 LAUXMONT DESTINY.....*		9	6	4-23,51,	22	1.6	9,650	4.61	445		11	43	+87	-.01	+3	+5
06-19-62 529908 1883608 5-71				55,85	42		9,428	4.65	438							
560528 GRAYSMARSH M LUCKY.....*		7	2	3-91,92,	10	1.8	10,011	4.78	479		0	36	-180	+.02	-6	-10
03-31-62 545150 1698354 1-71				93	41		10,621	4.75	504							
560529 MAPLE LEAF JASON.....*		4	5	3-35,41,	12	2.4	10,016	4.90	491		33	33	-175	+.08	-1	-5
03-04-62 511244 1643809 5-71				42	16		10,647	4.73	504							
560530 MAPLE LEAF FLASHER.....*		1	16	1-41	16	2.3	10,165	4.81	489		8	25	+89	+.02	+6	+7
03-29-62 552022 1792430 5-71					9		9,824	4.73	465							
560535 PLEASANT VIEW FAME.....		2	9	1-63	16	2.1	7,661	4.61	353		30	33	-102	+.02	-3	-5
02-09-62 512974 1439473 5-71					11		7,789	4.56	355							
560555 AUSTINS FARM AJAX.....*		2	6	1-65	10	1.6	6,296	4.38	276		20	25	-322	-.01	-16	-22
10-06-60 457384 1737942 9-70					78		7,344	4.49	330							
560562 SUNNY LAND FAMES PRINCE.....*		2	16	1-65	18	2.1	8,530	4.60	392		0	26	-64	+.03	0	-2
03-09-62 512974 1308793 5-71					8		8,685	4.51	392							
560618 8RAZOS 8ONANZA RIGHT GUARD....*		3	12	2-65,74	16	2.3	7,943	4.60	365		0	29	-90	.00	-4	-6
11-06-61 496783 1659817 5-71					22		8,106	4.63	375							
560634 GOLDEN HARVEST REX LEVITOR....*		2	11	2-16,23	13	2.5	11,419	4.93	563		15	26	+223	+.03	+13	+17
03-01-62 543681 1154026 5-71					43		10,671	4.89	522							
560637 CHEDCO LORRAINES PEER.....*		4	13	2-31,72	20	2.3	10,342	4.31	446		21	32	-440	.00	-20	-28
04-05-62 523823 1493307 5-71					16		11,966	4.35	521							
560641 WILLOW SPRING S IRVIN.....*		1	11	1-32	11	2.9	9,869	4.53	447		9	24	-15	-.03	-4	-4
09-30-61 538021 1920743 1-71					25		9,970	4.72	471							
560648 SPRING RIDGE GINGER 8OY.....*		1	16	1-61	16	1.3	7,457	4.71	351		**	22	-211	+.03	-7	-11
03-04-62 489690 1627758 5-71					6		8,309	4.59	381							
560665 ROSE OWEN M S RODGER.....*		2	15	1-63	21	1.9	9,178	4.53	416		0	30	-84	-.02	-6	-7
04-02-62 545328 1935323 5-71					16		9,440	4.63	437							
560666 VILLA CREST F CASH.....*		6	3	1-31	12	1.8	10,732	4.91	527		38	37	-16	+.04	+3	+2
01-20-62 503781 1866987 5-71					15		10,906	4.84	528							
560676 PRISCILLAS PENSIVE 8ONANZA....*		1	13	1-72	13	1.6	6,780	4.35	295		0	21	-44	.00	-2	-3
03-21-62 496783 1830206 5-71					37		6,696	4.39	294							
560698 HERMITAGE VIEW V FLORIAN.....*		1	20	1-65	20	1.7	10,467	4.31	451		0	24	+116	-.04	+1	+4
01-11-62 512974 1492859 5-71					9		10,026	4.47	448							
560704 LERSON LAWN 8RIGHT ARLEN.....*		3	11	1-21	15	1.9	10,396	4.71	490		33	27	-42	+.02	0	-1
12-30-61 552442 1556036 5-71					24		10,662	4.63	494							
560723 HORSE SHOE HERMES GLADIATOR...*		1	17	1-15	17	1.4	9,144	4.46	408		7	22	+25	-.01	0	+1
01-07-62 548544 1638942 5-71					12		8,960	4.53	406							
560755 MAR LE ROY VIRAS COLUMBIAN....*		3	17	1-31	22	2.0	9,740	4.29	418		17	30	+181	-.08	+1	+6
03-16-62 549235 1984169 5-71					16		9,076	4.52	410							
560764 TIDELAND 8UDS HERO.....*		3	28	2-35,48	56	1.8	8,976	4.72	424		14	41	-81	-.04	-8	-9
06-05-62 540160 1349559 5-71					17		9,125	4.90	447							
560810 SANCHO OF SUNNY MEADOWS.....		1	26	1-35	26	1.5	8,097	4.73	383		36	24	-192	-.02	-11	-14
10-07-61 549362 1777719 5-71					10		8,816	4.90	432							
560812 8LAKEFORD GOVERNORS 8ONANZA...*		2	19	2-23,51	21	1.6	9,578	4.83	463		20	25	-16	+.01	0	0
04-25-62 550793 1582403 5-71					31		9,645	4.80	463							
560834 PECKS ROSE KINGS DANDY.....*		3	12	1-33	16	2.1	10,719	4.61	494		6	28	+271	-.02	+11	+16
05-04-62 453762 1707725 5-71					14		9,763	4.65	454							
560835 CHEDCO 8ONANZAS KING.....*	23-09	166	9	11-23,31,	522	1.7	10,030	4.63	464		13	93	+188	-.04	+5	+9
05-03-62 496783 1883849 5-71				51,52,85	21		9,850	4.67	460							
560836 CHEDCO 8ONANZAS ACTOR.....*	35-02	24	4	3-14,33,	43	2.1	10,303	4.57	471		24	64	+86	-.11	-7	-4
05-11-62 496783 1570447 5-71				35	19		10,229	4.77	488							
560852 RITCHIEDALE L CAP.....		2	16	1-32	30	1.7	9,959	4.49	447		28	37	-90	+.02	-2	-4
04-16-62 543749 1920895 5-71					55		10,271	4.43	455							
560866 LAWGUERN 8UTTERFAT MAJESTY....*		2	8	1-41	10	3.3	10,014	4.77	478		0	27	+137	+.04	+10	+12
09-23-61 544214 1924309 5-71					8		9,491	4.66	442							
560874 8ENEDICTINE KING OF THE MEADS.*		4	4	2-56,64	10	2.0	9,209	4.34	400		10	30	-184	-.04	-12	-15
11-12-61 538753 1235140 5-71					13		9,850	4.49	442							
560886 DENNIS FARM FAMES JACK.....*		2	15	1-33	17	1.9	8,302	4.78	397		17	26	+23	-.01	0	+1
04-18-62 512974 1939117 5-71					7		8,056	4.84	390							
560887 MARSHLAND FLYING EAGLE.....*		1	11	1-31	11	2.2	7,765	4.57	355		0	23	-429	-.01	-21	-29
04-17-62 519904 1656541 5-71					4		9,681	4.66	451							
560904 SHADY LAWN FARMS J JAY.....*		4	6	3-21,23,	12	1.4	10,734	4.62	496		45	28	+85	+.05	+9	+10
12-01-61 543466 1696224 5-71				58	22		10,520	4.41	464							
560915 YELLOW CREEK TOP GENERAL.....*		3	8	2-32,57	14	2.3	9,644	4.78	461		7	32	-11	+.01	0	0
05-31-62 546396 1480184 5-71					11		9,689	4.76	461							
560917 FERN8ROOK REFLECTORS NUGGET...*		1	27	1-84	27	1.9	11,556	4.76	550		20	26	+188	+.02	+11	+14
02-03-62 515260 1813971 5-71					16		10,958	4.70	515							
560974 8AYVILLE ROYAL LESLIE JR.....*		6	8	3-23,43,	16	2.6	9,644	4.54	438		0	36	-59	-.03	-6	-7
05-31-62 449539 1544794 5-71				52	101		9,831	4.67	459							
560978 NORGERTS NANCE RANDY.....*		6	5	3-33,57,	19	1.4	8,771	4.56	400		0	41	-76	-.03	-6	-7
06-10-62 533769 1923330 5-71				73	27		8,884	4.66	414							
560993 HILLCREST INEZS IRA.....*	21-10	19	2	3-13,21,	34	1.7	10,526	4.98	524		33	63	-51	+.19	+16	+12
05-16-62 524993 1921960 5-71				23	17		10,718	4.71	505							
560999 MAPLE HILLS EDWARD P.....		1	17	1-41	17	1.2	8,305	4.24	352		**	21	-173	-.05	-13	-15
05-16-62 543828 1953672 5-71					4		9,080	4.58	416							
561046 ELMWOODS 8ILLY.....*		1	18	1-52	18	2.2	9,715	4.78	464		13	25	+56	+.01	+4	+5
02-03-62 511244 1946125 5-71					13		9,478	4.75	450							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK MILK	% %	FAT FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
561059 CLEVERLANDS PABLO LEVITY KING.*		1	10	1-93	10	2.0	11,503	4.36	502	10	22	-294	+.06	-8	-14
06-27-62 516329 1875377 5-71					119		13,234	4.20	556						
561065 PRE EMINENT RIVAL CONQUEST....*		5	6	4-22,43,	18	1.9	10,306	4.60	474	28	40	+22	+.05	+6	+6
06-02-62 518025 1640992 5-71				58,84	64		10,321	4.47	461						
561078 RIVERVIEW ILLETAS KING.....	91-13	16	2	6-41,42,	20	1.5	9,638	4.97	479	17	52	-369	+.18	0	-10
03-15-62 524064 1787052 5-71				82,91,92	16		10,436	4.64	484						
561108 OAKRIDGE BONANZAS CORNATION...*		2	7	1-55	12	1.6	9,805	4.44	435	**	28	+157	-.03	+4	+7
07-21-61 496783 1908267 5-71					14		9,203	4.52	416						
561120 GUERNSDEL FRED.....*		8	7	3-55,64,	23	2.4	10,599	4.84	513	16	45	+69	+.09	+12	+12
11-14-61 510148 1807122 5-71				74	31		10,535	4.65	490						
561127 HULLSIDE BONANZAS CHAMP.....*		3	12	2-23,51	16	2.5	11,177	4.68	523	7	29	+177	-.04	+4	+8
06-06-62 496783 1930036 5-71					13		10,672	4.85	518						
561155 ROSEWOOD NANCE LEWIS.....*		4	4	1-61	11	1.8	10,229	4.41	451	0	31	+208	-.12	-2	+4
06-21-62 533769 1627910 5-71					10		9,561	4.83	462						
561156 ROSEWOOD BEA CECIL.....*		2	10	2-31,33	12	2.0	9,844	4.91	483	0	25	+88	+.03	+7	+8
07-01-62 498183 1930124 5-71					60		9,470	4.80	455						
561178 LAUXMONT CHAPERON.....*		14	2	2-23,51	18	2.2	10,125	4.69	475	0	52	+289	+.03	+16	+21
08-04-62 510148 1791573 5-71					19		9,559	4.64	444						
561203 HIPPS S ZEBO.....*		1	19	1-56	19	2.9	8,212	4.70	386	6	27	+25	+.03	+4	+4
09-04-61 505071 1581586 5-71					19		7,951	4.58	364						
561225 SANDCUT TOP C ANDY.....*		9	3	3-32,33,	16	1.6	10,742	4.56	490	21	41	+173	-.05	+3	+7
07-18-62 549235 1989280 5-71				35	16		10,397	4.69	488						
561271 HANOVER HILL CAVALIER.....*	21-10	12	1	4-11,12,	14	1.7	9,775	4.51	441	9	45	+76	-.04	0	+2
04-25-62 503099 1469298 5-71				21,23	15		9,603	4.61	443						
561274 IDEALS ADDISON.....*		4	35	2-33,42	41	1.8	8,405	4.64	390	3	30	-180	-.02	-10	-13
09-28-61 540198 1193752 5-71					14		8,945	4.76	426						
561278 IDEALS SHERMAN.....*		1	48	1-23	48	2.1	8,992	4.99	449	3	28	-170	+.06	-2	-6
12-14-61 540198 1918664 5-71					32		9,601	4.79	460						
561313 OAK GROVE HAMILTON.....*		1	13	1-41	13	1.9	9,113	4.46	406	42	22	-81	.00	-4	-5
07-19-62 541006 1792861 5-71					13		9,467	4.50	426						
561348 RURAL VALLEY VALIANT.....*		1	15	1-32	15	2.3	8,550	4.88	417	20	24	+38	+.01	+3	+3
09-24-61 516670 1591915 5-71					6		8,257	4.84	400						
561404 EMORY DON OF LEE RU.....		1	24	1-43	24	1.5	8,674	4.72	409	24	24	-32	+.01	-1	-2
11-16-61 545369 1922099 5-71					43		8,720	4.76	415						
561417 BROWNIES FARMS BANKER.....*		5	20	2-33,92	35	1.7	11,816	4.81	568	3	36	+524	+.01	+25	+34
07-01-62 549342 1726595 5-71					43		10,427	4.84	505						
561464 SUNESLOPE E E ELTON.....		1	15	1-42	15	2.0	7,848	5.06	397	33	23	-195	+.04	-5	-9
08-28-61 524393 1817456 5-71					15		8,591	4.88	419						
561468 ANSMIL CHAMPION CHUM.....*	61-02	53	4	6-31,32,	127	1.9	10,566	4.31	455	18	85	+674	-.37	-7	+12
06-17-62 422711 1882795 5-71				33,42,84	13		9,787	4.76	466						
561474 APPLEBROOK VERNS GALLANT.....*		3	6	2-23,51	12	2.3	10,233	4.79	490	8	32	+222	+.01	+11	+15
03-06-62 524993 1697627 5-71					21		9,525	4.79	456						
561475 APPLEBROOK VERNS TRAVELER.....*		3	9	2-21,57	14	1.5	8,243	5.18	427	18	27	-369	+.11	-7	-15
08-14-62 524993 1541088 5-71					34		9,624	4.74	456						
561478 LAKELANDS HERMES COLONEL.....*		3	23	1-43	27	2.1	10,535	4.73	498	19	29	+107	+.01	+6	+8
04-20-62 551455 1733375 5-71					18		10,221	4.72	482						
561481 ADOHR PRINCE ANGER.....*	93-02	1	23	1-93	23	1.0	10,830	4.53	491	10	21	+18	-.01	0	0
07-07-62 491754 1633531 5-71					190		10,870	4.58	498						
561490 WANDERING BROOK JV MAJOR.....*		2	13	2-21,63	15	2.3	9,459	4.57	432	8	26	-252	.00	-12	-16
06-26-62 530291 1006799 5-71					18		10,504	4.61	484						
561493 CHARLESCOTE W FORECASTER.....*		1	19	1-14	19	2.2	11,324	5.12	580	37	25	-215	+.15	+4	-2
02-28-62 549372 1470070 5-71					9		12,481	4.61	575						
561500 NAEFLANDS COLBYS BONNIE PRINCE*		5	7	1-23	14	1.9	10,305	4.79	494	17	30	+304	+.01	+15	+20
04-12-60 527168 1753004 5-71					30		9,264	4.78	443						
561522 AUKEMA FARMS YSOLT FAME.....*		1	14	1-22	14	2.0	9,065	4.40	399	7	24	+36	-.04	-2	-1
08-02-62 512974 1481585 5-71					51		8,834	4.61	407						
561540 VILLA WAY BONANZA.....*		1	24	1-31	24	2.1	10,150	4.53	460	25	26	+202	-.04	+5	+9
02-20-62 496783 1210570 5-71					23		9,350	4.71	440						
561564 DEEP LAKE FLASHS ANSON.....*		2	23	2-16,52	28	1.5	9,695	4.74	460	0	28	+35	-.02	0	+1
06-20-62 475548 1779711 5-71					24		9,561	4.87	466						
561572 DEERSHORN K ADMIRAL.....*		2	7	1-14	13	1.9	9,578	4.32	414	23	31	-81	-.04	-8	-9
08-08-62 515261 1235488 5-71					21		9,871	4.48	442						
561573 DEERSHORN L VIKING.....*		2	17	1-12	19	1.8	7,345	4.30	316	17	26	-256	-.02	-14	-18
08-12-62 483126 1995313 5-71					6		8,184	4.48	367						
561576 LIN ZEE FINANCIER.....*		1	11	1-23	11	2.1	7,143	5.38	384	0	23	-263	+.12	-1	-8
06-12-62 503781 1649812 5-71					20		8,165	4.76	389						
561581 WALKER FARMS TONY MIDAS.....*		1	25	1-65	25	2.0	10,945	4.50	492	0	26	+23	.00	+1	+1
11-22-61 512215 1574940 5-71					20		10,993	4.48	492						
561587 CLEVERLANDS DE LUXE.....*		2	7	1-93	10	2.5	11,257	4.78	538	0	27	+40	+.04	+6	+6
07-22-62 512974 1827623 5-71					64		11,275	4.63	522						
561623 WANDERING BROOK J V PEGLER....*		1	26	1-12	26	1.7	8,494	4.39	373	32	25	-61	-.05	-8	-8
10-20-62 530291 1691766 5-71					15		8,647	4.67	404						
561635 LYNDALE BUTTERFAT BEAUTY.....*		1	11	1-56	11	2.0	11,248	4.61	519	0	22	-28	.00	-1	-2
08-13-61 502556 1713044 5-71					52		11,574	4.62	535						
561638 LAUXMONT OSCEOLA.....*		7	2	4-23,31,	12	1.7	8,282	4.53	375	50	37	-523	-.03	-27	-36
09-16-62 496783 1723320 5-71				55,57	37		9,700	4.64	450						
561649 ALFANNA T C KRANDALL.....		2	23	1-41	25	2.1	8,772	4.90	430	**	28	-265	+.06	-7	-13
08-21-62 549235 1907386 5-71					15		9,731	4.74	461						
561658 JOHN PLAIN MALANAS SPARK.....*		1	25	1-33	25	2.3	8,417	4.85	408	21	26	+144	+.05	+12	+14
09-14-61 527800 1790085 5-71					8		7,673	4.60	353						
561677 MULHOCAWAY BUTTERFAT HALYARD..*	23-09	1	26	1-52	26	1.5	11,534	4.75	548	14	24	+336	+.03	+19	+24
10-05-62 493764 1492941 5-71					32		10,208	4.62	472						
561698 SPAR HILL DESIGNER JUNIOR.....*		14	8	2-31,61	37	1.7	10,106	4.80	485	17	53	-26	+.01	0	-1
08-12-62 546008 1511048 5-71					31		10,214	4.80	490						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
561738 EAST MALTA LADY FAME.....*		6	13	1-23	45	2.0	9,021	4.86	438	21	51	+59	+.09	+11	+11
04-30-62 512974 1593060 5-71					18		8,826	4.68	413						
561763 FEURA MO NEPTUNE.....*	16-04	26	2	5-11,14,	35	2.2	10,886	4.72	514	13	68	+449	+.04	+25	+32
05-09-62 425345 1940621 5-71				16,21,23	20		10,291	4.66	480						
561767 LEE RU BUTTERFAT KELVIN.....		1	19	1-43	19	1.3	8,701	4.88	425	24	22	-40	+.02	0	-1
07-21-62 555436 2001634 5-71					48		8,806	4.79	422						
561785 VALKOMNA INCOMMAND.....*		2	19	1-48	24	2.1	9,729	4.72	459	0	30	+116	-.03	+2	+5
08-15-62 549235 2032575 5-71					16		9,310	4.85	452						
561794 S I U SIR FAME ANNA FRANK.....*		3	5	2-33,43	12	1.5	8,560	4.58	392	43	30	-49	-.03	-5	-5
07-31-62 512974 1966707 5-71					17		8,626	4.72	407						
561796 WOODACRES MONITOR.....*		2	24	1-61	29	1.3	8,690	4.73	411	**	27	-145	+.07	0	-4
04-04-62 511244 1840356 5-71					23		9,184	4.45	409						
561798 WOODACRES KINGS FLASH.....*		1	20	1-42	20	1.5	10,706	4.67	500	6	23	-29	-.02	-3	-3
05-19-62 523825 1874672 5-71					19		10,970	4.79	525						
561815 MAXVALES CINDER.....*		4	9	1-91	16	2.3	8,823	4.95	437	0	32	-414	+.06	-14	-22
03-04-62 546331 1965506 5-71					27		10,164	4.79	487						
561840 SANFADAIR KING FAME.....*		11	1	5-35,41,	13	1.7	9,462	4.70	445	10	43	+73	+.01	+4	+5
07-19-62 512974 1753807 5-71				42,43,47	17		9,252	4.70	435						
561842 WESTERN GLOW BEAUTY BUTTERFAT.*	31-02	33	2	9-31,51,	51	1.8	9,544	4.70	449	15	72	-215	+.01	-9	-13
10-10-62 493764 1930192 5-71				54,55,56	32		9,866	4.71	465						
561859 WALNUT GROVE TROOPER.....*		1	34	1-23	34	2.8	9,939	4.87	484	3	29	+137	+.03	+9	+11
05-06-61 529641 1378628 5-71					33		9,449	4.78	452						
561873 LAUXMONT MAXIM.....*	21-10	41	5	9-13,14,	91	1.7	11,736	4.71	553	15	78	+592	+.01	+29	+39
10-12-62 510148 1517845 5-71				16,21,23	23		11,129	4.70	523						
561874 HANOVER HILL MO CZAR.....*	51-02	38	2	5-23,31,	61	2.0	8,818	4.76	420	17	76	-267	+.01	-11	-16
08-09-62 425345 1354779 5-71				51,52,54	24		9,118	4.77	435						
561907 GIPPY MAJESTIC CORONATION.....*		7	16	4-55,56,	29	1.8	9,357	4.61	431	38	36	-244	+.01	-10	-15
09-17-62 549900 1924053 5-71				57,63	37		10,086	4.58	462						
561924 EDISTO FARMS BLZ BRIGHTSTAR...*		3	14	1-56	24	1.4	8,685	4.62	401	28	32	-163	+.01	-7	-10
08-18-62 543210 1534348 5-71					34		9,149	4.63	424						
561937 WALKER FARMS TONY JAKE.....*		1	17	1-65	17	1.8	11,356	4.62	525	0	24	+141	-.02	+5	+8
09-27-62 512215 1396841 5-71					115		10,894	4.70	512						
561961 ROCK HAVEN FAVORITE DUKE.....*		1	12	1-91	12	1.9	7,716	4.63	357	10	22	-169	+.02	-6	-9
09-05-62 523127 2065460 5-71					17		8,356	4.60	384						
561963 JO BE HALLMARKS JAY.....*		3	13	3-23,33,	17	1.2	10,269	4.71	484	59	24	-240	+.04	-7	-12
09-12-62 529592 1670548 1-71				47	16		11,456	4.59	526						
561993 KNIGHTONGALE BRILLIANT GOLD...*		3	10	2-51,58	15	1.8	7,574	5.04	382	15	29	-147	+.07	0	-4
09-13-62 499468 1733717 1-71					35		7,922	4.73	375						
561995 LAGREEN VI CORPORAL.....*		3	6	1-72	14	1.4	8,622	4.36	376	14	32	-117	-.03	-8	-10
09-08-62 512281 1426934 5-71					87		8,925	4.47	399						
561999 GOLDEN DEXTER.....*		1	13	1-32	13	1.8	8,947	4.53	405	31	22	-127	-.04	-10	-12
10-24-62 550942 1921137 5-71					11		9,512	4.80	457						
562001 COLBYS FAME.....*		6	2	3-21,23,	11	1.6	10,584	4.80	508	27	34	+119	.00	+6	+8
09-18-62 512974 1237543 5-71				34	29		10,301	4.80	494						
562010 IDEALS RAMBLER.....*		2	8	1-23	15	2.7	9,639	4.92	474	7	34	+15	+.02	+3	+3
08-29-60 532698 1871535 5-71					38		9,590	4.87	467						
562018 NORGERTS NANCE PEDRO.....*		1	15	1-33	15	1.9	9,149	4.63	424	8	23	+4	.00	0	0
10-15-62 533769 1838298 5-71					10		9,075	4.67	424						
562021 NORGERTS NANCE FORWARD.....*	33-03	222	5	36-23,31,	492	1.3	10,196	4.69	478	15	95	+135	+.07	+13	+14
11-24-62 533769 1600002 5-71				33,35,41	20		10,100	4.61	466						
562038 METZGER FARMS CHAMP VINCENT...*		3	14	1-32	30	2.1	12,209	4.94	603	7	39	+39	.00	+2	+3
08-21-62 422711 1941097 5-71					16		12,383	4.96	614						
562041 BRANOON FAMES ASTRONAUT.....*		1	22	1-52	22	2.0	10,008	4.48	448	14	25	-5	-.04	-4	-3
11-08-62 512974 1695183 5-71					37		10,077	4.65	469						
562058 FAME Q OEFENOER.....		1	20	1-42	20	2.6	7,794	4.29	334	11	27	+8	-.06	-5	-4
08-05-62 512974 1830657 5-71					7		7,555	4.58	346						
562072 ERWIN FARMS GLORYS FAME.....*		1	13	1-71	13	1.3	6,904	4.39	303	**	21	-134	+.01	-5	-8
05-06-62 512974 1393345 5-71					30		7,330	4.34	318						
562079 GUERNSDEL ARTHUR.....*		1	10	1-55	10	1.8	8,718	5.08	443	0	21	+20	+.04	+5	+5
12-28-61 496783 1828085 5-71					7		8,509	4.88	415						
562081 GUERNSEY LAND BELLES PHARAOH..*	21-10	30	5	7-13,16,	48	1.9	10,474	4.70	492	18	65	+259	+.04	+16	+20
04-15-62 298216 1825683 5-71				21,23,32	19		10,124	4.64	470						
562098 GAYOSO VIEW FAMES PATRIARCH...*	23-09	1	22	1-33	22	1.7	12,685	4.46	566	5	25	+569	-.07	+19	+31
03-13-62 512974 1572496 5-71					10		10,444	4.72	493						
562102 CORNLAN FARM JEFFERY.....*		1	30	1-42	30	1.9	7,408	5.56	412	19	26	-234	+.10	-1	-7
10-02-62 487591 1973470 5-71					12		8,148	5.11	416						
562133 HOMINY HILL PROMISE.....*		1	12	1-22	12	1.7	9,601	4.74	455	0	22	+252	+.03	+15	+19
10-29-62 493764 1808116 5-71					13		8,302	4.54	377						
562137 SPRING LANE BON COLONEL.....*		1	15	1-31	15	1.9	8,622	4.52	390	29	24	-47	.00	-2	-3
10-04-62 550942 1971398 5-71					6		8,739	4.55	398						
562158 LAUXMONT BOHEMIAN.....*	61-02	22	4	4-23,31,	49	1.6	8,611	4.78	412	24	67	-294	+.08	-6	-13
11-06-62 510148 1332669 5-71				33,61	15		8,986	4.66	419						
562182 V FAMES CHERUB.....*		1	24	1-35	24	2.0	8,925	4.46	398	21	26	-133	.00	-6	-8
08-27-62 512974 1791465 1-71					13		9,429	4.51	425						
562191 ZEITLER FARMS LEVITY KING.....*		2	23	2-23,50	25	2.0	8,915	4.69	418	28	27	-74	+.02	-2	-4
07-20-62 543551 1915963 5-71					36		9,142	4.69	429						
562195 ELMWOOD HARRIETTAS PRINCE.....*		3	13	1-35	17	1.9	9,948	4.91	488	7	27	-84	+.05	+1	-1
08-09-62 537715 1947215 5-71					8		10,327	4.74	490						
562199 BON FLASH OF SQUAREWOODS FARM.*	21-10	38	3	9-11,13,	67	1.7	9,881	4.80	474	29	76	-163	+.11	+3	-2
12-02-62 496783 1998570 5-71				14,16,21	18		10,147	4.66	473						
562212 DOUGLASTON ANNES F K KING.....*		1	10	1-21	10	1.7	11,768	4.85	571	11	20	+143	.00	+7	+10
04-19-61 514114 1678399 5-71					48		11,201	4.87	545						
562216 QUAIL ROOST FAMES PREDICTION..*		3	6	3-52,55,	14	1.9	9,112	4.72	430	0	33	-108	-.01	-6	-8
10-25-62 512974 1557287 5-71				57	35		9,423	4.80	452						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
562228 PINE KNOLL DANA BOY.....		1	14	1-41	14	1.8	8,354	4.76	398	0	23	-274	+.05	-8	-14
11-23-61 544835 1862823 5-71					6		9,560	4.59	439						
562234 MCDONALD FARMS JV FOREMAN.....		2	22	2-21,23	27	1.7	8,023	5.01	402	19	29	-240	+.03	-8	-13
10-24-62 530291 2019673 5-71					25		8,779	4.93	433						
562241 LINDEANS HEIDI V SIR.....*		2	13	1-91	15	2.1	11,100	4.71	523	33	26	-205	-.03	-12	-15
01-26-62 512974 1631987 5-71					13		12,157	4.85	590						
562258 JOY HILL C VICEROY.....*		4	10	2-32,61	19	1.7	7,950	4.93	392	0	33	-555	+.10	-17	-29
01-08-62 422711 1972824 5-71					7		9,651	4.62	446						
562270 SOUTH VIEW VALROYAL GIDEON....*		2	12	1-32	14	2.4	10,349	5.12	530	15	27	+86	+.07	+11	+11
12-15-62 550574 1933928 5-71					30		10,067	4.90	493						
562282 FIRESIDE EVELYNS FAME.....*		4	16	2-31,57	26	2.0	8,265	4.56	377	4	34	-247	-.05	-16	-20
01-17-62 512974 1816678 5-71					44		8,932	4.75	424						
562286 SKYLINE LEES KNIGHTLAD.....		1	16	1-47	16	1.5	7,867	4.28	337	7	22	-185	-.04	-12	-15
08-21-62 483717 1506401 1-71					19		8,597	4.52	389						
562288 RIVERDALE RIVAL LADDIE.....		1	15	1-35	15	1.1	7,249	4.29	311	10	20	-287	.00	-13	-18
09-29-62 518025 1419611 5-71					13		8,563	4.32	370						
562293 BROOKBERRY JOLLY JACOBIN.....*		3	10	2-55,56	14	2.4	11,892	4.78	568	0	28	+329	+.04	+19	+24
11-13-62 518023 1765502 5-71					21		10,857	4.69	509						
562296 MICKEY OF FOX BROOK FARM.....		1	10	1-16	10	2.4	8,491	4.51	383	25	23	-171	-.01	-9	-12
05-05-62 549499 1741891 5-71					24		9,210	4.61	425						
562300 CLEVERLANDS ZEUS.....*		2	5	1-93	10	2.3	12,242	4.50	551	22	29	+212	-.02	+8	+12
10-09-62 512974 1727471 5-71					85		11,729	4.55	534						
562320 TOMA DOUBLE PEERLESS.....*		9	15	2-35,41	29	1.7	10,687	4.36	466	32	36	+237	-.11	0	+6
12-11-62 526323 1955371 5-71					14		10,063	4.69	472						
562331 SCENICS MAJESTY.....*		2	13	1-35	15	2.1	8,223	4.63	381	0	26	-288	.00	-13	-18
10-18-62 550669 1962914 5-71					22		9,286	4.65	432						
562339 BOMIR TRUMPETERS HENRY.....*		1	13	1-56	13	1.2	5,074	4.65	236	30	20	-622	+.02	-27	-39
04-27-62 484916 1675636 1-71					16		8,028	4.60	369						
562340 MATOAKA T VICTOR.....*		1	21	1-58	21	1.6	10,773	4.20	452	14	24	+176	-.04	+4	+8
02-15-62 542518 1843103 5-71					67		10,081	4.29	432						
562351 NORGERTS BEA NANCE DIAMOND....*		1	17	1-51	17	1.6	10,087	4.61	465	0	23	+141	-.05	+2	+5
01-01-63 498183 1955701 5-71					37		9,454	4.81	455						
562370 GOLDEN GLOW FOREMOST PAL.....*		1	11	1-31	11	2.2	9,640	4.76	459	20	23	-46	-.02	-4	-5
05-07-62 547558 1871347 5-71					16		9,874	4.90	484						
562387 BROWNIES FARMS OUTLAW.....*		3	23	2-82,92	29	1.9	10,290	4.90	504	8	30	+52	+.10	+12	+11
10-26-62 488786 1581488 5-71					15		10,173	4.59	467						
562388 BROWNIES FARMS OPPORTUNITY....*	21-10	13	1	4-11,21,	13	2.2	10,290	4.86	500	9	46	+217	+.07	+17	+20
10-26-62 488786 1990530 5-71				22,23	19		9,839	4.72	464						
562404 REYNOLDS FARM MUSICAL FAME....*		2	9	1-14	18	2.9	9,244	4.42	409	12	37	-173	-.03	-11	-14
09-28-61 512974 1510783 5-71					20		9,725	4.52	440						
562409 ALPINE ROSE C C ROYAL.....*		2	20	1-31	25	1.8	10,152	5.06	514	13	29	-142	+.11	+4	0
11-02-62 539140 1608057 5-71					10		10,758	4.72	508						
562415 RIVERVIEW PANSYS COMMANDER....*		2	23	1-91	25	1.6	11,700	4.97	582	32	26	+13	+.05	+5	+4
11-14-62 524064 1592809 5-71					26		11,874	4.86	577						
562416 SOFT GOLD HOPES BILLY.....*		3	15	1-73	28	2.2	11,246	4.45	500	8	37	+129	-.02	+4	+7
04-19-62 511244 1685198 5-71					16		11,039	4.48	495						
562427 CEDARCROFT SUGARS TROJAN.....*		3	20	2-86,91	25	2.1	10,333	4.49	464	9	30	+134	-.03	+3	+6
06-10-61 493227 1911363 5-71					38		9,917	4.59	455						
562441 OLD STAGE BONANZA CHEROKEE....*		1	13	1-93	13	1.2	10,689	4.55	486	**	20	+153	-.01	+6	+9
11-01-62 496783 1951394 1-71					37		9,965	4.62	460						
562452 BENIGN FAME BERNICES MAJOR....*		1	20	1-72	20	1.9	9,561	4.48	428	11	25	+15	.00	+1	+1
08-26-62 512974 1460738 5-71					104		9,486	4.44	421						
562474 MEADOW LANE FOREMAN.....*		4	13	1-48	21	1.6	7,837	4.64	364	35	31	-433	-.01	-21	-29
07-03-62 512974 1660627 5-71					14		9,192	4.73	435						
562476 HERSHMANS RIVLOR.....*		1	21	1-32	21	2.9	8,243	5.01	413	10	27	-216	+.02	-8	-12
11-05-61 518025 1961622 5-71					13		8,986	4.97	447						
562485 NYALA ATHENAS ROYAL.....*	35-05	34	3	6-35,41,	62	1.7	10,583	4.55	482	20	75	+293	-.10	+4	+11
06-10-62 425345 1942703 5-71				42,58,63	26		10,255	4.68	480						
562486 NYALA FERNS DUKE.....*	21-10	25	3	6-11,14,	41	1.7	9,230	4.69	433	20	66	-511	+.02	-22	-32
06-24-62 425345 1575732 5-71				21,22,23	23		10,043	4.68	470						
562494 MAURANA KINGS BTFT IOWAN.....*		3	12	1-42	16	1.9	9,472	5.01	475	33	27	-247	+.08	-4	-10
06-05-62 516350 1252205 5-71					15		10,481	4.77	500						
562495 MAURANA FAMES BTFT GUARDIAN...*	35-03	5	4	1-35	13	1.5	8,468	4.39	372	15	35	-359	-.07	-23	-28
09-18-62 512974 1179397 5-71					12		9,494	4.63	440						
562498 MAURANA KINGS BTFT MASTER.....*		7	7	3-32,48,	17	1.6	9,656	4.79	463	23	34	-7	-.01	-1	-1
11-18-62 516350 1793056 5-71				52	18		9,686	4.86	471						
562499 MAURANA F BTFT GENERAL.....*		1	11	1-32	11	1.8	7,839	4.52	354	10	22	-86	-.02	-6	-7
12-03-62 512974 1709687 5-71					5		8,085	4.70	380						
562503 DULUTH S YUKON.....	41-01	24	2	7-35,41,	36	1.5	10,014	4.80	481	13	64	+182	+.07	+15	+17
12-29-62 475595 1809161 5-71				42,45,82	11		9,742	4.70	458						
562504 DULUTH F YODELER.....	41-01	31	2	8-35,41,	49	1.4	9,621	4.86	468	17	70	-154	+.09	+1	-3
01-09-63 475595 1961016 5-71				42,47,93	14		9,864	4.75	469						
562511 LOCUST HILL T C ANDY.....*		2	12	1-31	19	2.2	11,079	4.18	463	0	33	+726	-.17	+16	+32
11-01-62 549235 1950562 5-71					17		8,796	4.68	412						
562515 GRAYCE FARMS DARLINGS CHIEF...		3	21	3-21,23,	25	1.3	9,116	4.54	414	19	26	-129	+.01	-5	-7
10-20-62 540077 1994587 5-71				35	14		9,625	4.54	437						
562518 TWIN OAKS FAME BEAU.....		1	14	1-51	14	2.1	8,459	4.40	372	8	23	+33	-.07	-5	-3
06-10-62 512974 1366917 5-71					5		8,170	4.81	393						
562521 STONY BATTER SUPERIOR.....*		1	10	1-16	10	2.0	9,912	4.69	465	40	21	-140	-.01	-7	-9
02-08-62 522908 2029124 5-71					28		10,698	4.77	510						
562541 ELK MEADOW MONAS FAME.....*		1	14	1-35	14	2.0	11,386	4.71	536	8	23	-25	+.02	+1	0
09-14-62 512974 1874823 5-71					38		11,707	4.64	543						
562574 VALLEY ACRES ALLARD.....*		2	13	1-23	15	1.6	10,732	4.73	508	31	24	+206	-.02	+8	+12
08-01-62 529773 1510063 5-71					18		9,902	4.83	478						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF OAU /HD	STATES NO- WITH MOST OAUS	... DAUGHTERS AND HERDMATES ... OAUS HM/DAU	REC/OAU HEROMATE	MILK	%	FAT	%	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
562580 HY CREST DIXIES 008IE.....*		1	10	1-34	10	1.9	9,898	5.00	495	20	21		-313	+.10	-5	-12
12-03-62 512974 1414707 1-71					7		11,579	4.61	534							
562583 ROCK HAVEN ISA8ELLS 8ILLY.....*		1	10	1-91	10	2.1	8,171	4.71	385	10	22		-10	.00	0	0
04-03-62 511244 1586899 5-71					20		8,063	4.69	378							
562624 CLO FARMSTEAD LADS CHALLENGER.*		2	17	1-42	19	2.0	8,937	4.92	440	24	26		-50	+.12	+9	+6
08-14-62 547315 1743308 5-71					5		9,078	4.43	402							
562635 CLEVERLANDS DORIAN.....*		2	18	1-93	20	1.8	12,553	4.21	529	5	26		-16	-.01	-2	-2
11-10-62 530378 1288688 5-71					117		12,949	4.25	550							
562638 HEISER FARM FAME PRINCE.....*		2	6	1-33	11	2.0	11,708	4.83	566	10	29		+261	-.01	+11	+16
03-07-62 512974 1825902 5-71					15		10,930	4.89	535							
562640 TIDELAND ASTORS HEROO.....*		3	9	1-92	18	1.7	11,848	4.86	576	24	34		+180	-.03	+5	+9
01-26-63 553014 1466434 5-71					39		11,503	4.99	574							
562653 STEOE WELLS FAMES 8ING.....*		2	8	1-42	14	1.8	8,176	4.84	396	9	29		-166	+.07	-1	-5
03-11-62 512974 2001774 5-71					7		8,647	4.59	397							
562672 HAPPY HOLLOW FLASHS SAMMY.....*		2	8	1-35	10	1.5	8,452	4.79	405	22	22		-26	+.02	+1	0
07-26-62 553771 1573623 5-71					12		8,459	4.67	395							
562683 LYRENE PRINCE DON.....*		3	9	2-31,34	16	1.3	12,713	5.21	662	27	29		+294	+.10	+24	+28
10-24-62 553667 2036257 5-71					15		11,945	4.97	594							
562713 FREE CZECHS TOP COM K MARTIN..*		4	6	2-11,16	14	1.5	8,441	4.61	389	36	32		-265	+.01	-11	-16
01-18-63 549235 1935281 5-71					16		9,221	4.60	424							
562716 QUAIL ROOST JOLLY MAJESTY.....*		2	9	1-55	11	2.3	10,025	5.26	527	22	25		+73	+.10	+13	+13
12-01-62 524993 1313575 5-71					74		9,741	4.90	477							
562721 ZEITLER ROSE KINGLAO.....*		3	31	3-22,50,	37	1.4	9,270	4.66	432	30	27		-22	.00	-1	-1
12-24-62 511244 1791368 5-71				56	39		9,325	4.69	437							
562732 MCOYS FARM MS VAGA8ONO.....*		1	10	1-42	10	2.4	10,829	5.19	562	30	22		+252	+.06	+18	+21
03-11-62 496000 1329229 5-71					12		9,696	4.98	483							
562745 STRATUM FARMS FORTUNE.....*		2	12	2-82,91	14	2.1	10,101	4.51	456	8	26		+20	-.02	-1	0
11-22-62 511244 2005577 5-71					12		10,066	4.63	466							
562756 FOREST HOMES MOLLYS LEAOER....*		1	15	1-35	15	2.0	9,868	4.63	457	40	23		-181	+.03	-6	-10
12-09-62 438330 1952733 5-71					14		10,759	4.57	492							
562773 VILLA CREST PRINCE.....*		3	10	3-31,32,	14	1.4	9,856	5.11	504	23	25		-234	+.03	-8	-13
10-14-62 553667 1922878 5-71				48	15		10,938	5.06	553							
562780 8AYVILLE O SUCCESS.....*		6	4	4-52,55,	11	1.3	8,539	5.04	430	25	30		-347	+.12	-5	-13
12-15-62 530908 1749522 5-71				58,65	109		9,721	4.64	451							
562786 KELLOGG BABYS JEWEL.....*		2	15	1-34	26	1.3	11,051	4.81	532	45	32		+31	+.02	+3	+3
02-15-63 475595 1497102 5-71					12		11,099	4.78	531							
562801 WESTERN GLOW FLASH TELESTAR...*		4	5	2-82,91	13	2.3	10,019	4.75	476	15	35		-119	+.06	0	-3
12-15-62 475548 1828119 5-71					19		10,442	4.60	480							
562805 WESTERN GLOW 8UTTERFAT FLASH..*		1	14	1-91	14	1.8	9,460	4.60	435	15	23		-311	+.04	-11	-17
02-19-63 475548 1869982 5-71					11		10,968	4.50	494							
562810 AUKEMA FARMS RO8ERTA FAME.....*		1	10	1-22	10	1.3	8,240	4.58	377	30	19		-187	+.01	-8	-11
01-15-63 512974 1807193 1-71					39		9,178	4.60	422							
562824 HEYWES AUGUSTAS FIOEL.....*		1	32	1-56	32	1.8	10,348	4.40	455	3	26		-19	-.04	-5	-5
12-24-62 512974 1811128 5-71					50		10,513	4.58	482							
562825 8ELMONT VIEW OLIVER PRINCE....*		2	7	2-55,56	12	2.6	10,058	4.48	451	8	32		+22	-.02	-1	0
01-18-63 545135 1804402 5-71					33		10,026	4.56	457							
562838 CLOVER OVERS TOPCO INGO.....*		2	29	1-61	31	1.5	8,681	4.25	369	32	26		+60	-.08	-5	-3
12-07-62 549235 1573335 5-71					22		8,316	4.65	387							
562856 MCKERROWS GA8RIEL.....*		4	6	1-35	18	1.9	9,954	4.41	439	13	39		+168	-.06	+2	+6
10-26-61 511244 1654118 5-71					7		9,506	4.56	433							
562892 YELLOW CREEK S STAR.....*		3	12	1-48	26	1.8	9,672	4.70	455	15	37		-82	-.01	-5	-6
12-13-62 475595 1725807 5-71					15		9,922	4.79	475							
562894 YELLOW CREEK S QUARTER8ACK....*	34-01	8	2	3-32,34,	12	1.7	10,334	5.04	521	9	39		+50	+.12	+14	+13
01-04-63 475595 1388019 5-71				57	8		10,268	4.77	490							
562910 HO ETTES V FAME GALLANT.....*		1	23	1-48	23	1.5	9,562	5.06	484	17	24		+168	-.05	+3	+7
07-31-62 512974 1859980 5-71					15		8,771	5.39	473							
562937 GAYLORO FAMES TEO.....*		3	10	2-73,85	16	2.0	8,560	4.18	358	8	31		-27	-.06	-7	-7
04-07-62 512974 1138445 5-71					154		8,543	4.42	378							
562938 GAYLORD FAMES TOMMY.....*		2	6	1-73	12	1.6	10,185	4.22	430	10	29		+456	-.03	+18	+27
07-02-62 512974 1696821 5-71					26		8,501	4.21	358							
562943 KOKOSINGS GOLDEN 8ONANZA.....*		2	18	1-31	20	2.1	11,679	4.60	537	15	27		+84	.00	+4	+5
01-01-63 550942 1628222 5-71					19		11,559	4.60	532							
562944 SUNESLOPE FAME ETHIOPIAN.....*		3	9	2-42,72	14	1.6	10,280	4.11	422	0	28		+5	-.09	-8	-7
12-06-62 512974 1605033 5-71					28		10,333	4.40	455							
562952 SUNNY OA S P PREMIER.....*		2	9	1-32	11	2.3	10,123	4.98	504	9	25		-67	+.02	-1	-3
07-30-62 542141 2006776 5-71					15		10,478	4.93	517							
562956 MAMMOTH MAPLES 8ILLY.....*		1	24	1-92	24	1.6	10,443	4.49	469	5	25		+85	-.03	+1	+3
01-05-63 511244 1638088 5-71					30		10,147	4.61	468							
562964 WANDERING 8ROOK J V MATAOOR...*		5	3	2-21,63	11	1.2	10,103	4.59	464	36	32		-151	.00	-7	-10
01-03-63 530291 1652818 5-71					25		10,693	4.62	494							
562972 HOLLIKNOLL C WINSTON.....*		13	2	6-22,23,	22	1.5	9,767	4.78	467	24	51		-360	+.06	-11	-18
01-11-63 527802 1701823 5-71				52,55,57	29		10,563	4.69	495							
562979 KERR HILL FAMES IOAHO.....*		5	11	3-32,61,	24	1.9	8,966	4.46	400	6	38		+8	.00	0	0
03-10-62 512974 1758595 5-71				72	28		8,870	4.45	395							
562985 DUTCH MILL 8ILLYS VIKING.....*		1	13	1-35	13	1.2	9,596	4.37	419	36	20		+82	-.05	-1	+1
01-11-63 511244 2067934 5-71					15		9,143	4.65	425							
562992 OULUTH 8 YOGA.....	41-01	45	3	8-35,41,	86	1.4	9,396	4.82	453	22	78		-483	+.10	-13	-23
02-13-63 475595 1973585 5-71				42,45,92	10		10,057	4.71	474							
562996 PLYMOUTH LANE PERFORMER.....*		4	8	2-32,57	15	2.7	12,660	5.02	635	7	34		+430	+.04	+24	+31
09-26-62 528424 1494245 5-71					18		11,571	4.99	577							
563027 PLAINSCOPE JERRY.....*		2	22	1-34	26	1.9	8,987	4.83	434	35	28		-284	-.04	-17	-21
05-03-61 533444 1174041 5-71					21		10,047	5.02	504							
563031 LAUXMONT PAGAN.....*		3	16	1-23	21	1.5	7,438	4.92	366	26	28		-84	+.04	0	-2
02-12-63 529641 1860154 5-71					30		7,534	4.78	360							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
563041 MUNGLES LUELLA FAME.....*		3	23	2-72,73	29	2.1	10,474	4.23	443	13	30	+23	-.03	-2	-1
10-10-62 512974 1954506 5-71					86		10,482	4.33	454						
563052 MAPLE DAWN BONANZA AMBASSADOR.*		2	12	1-34	20	1.7	11,766	4.63	545	16	31	+140	-.07	0	+4
01-11-63 550942 1636200 5-71					13		11,508	4.87	561						
563105 DINSMORE JOLLY JAY.....*		2	16	1-58	23	1.9	6,797	4.40	299	**	31	-270	+.04	-9	-14
01-01-63 524993 1773830 5-71					153		7,461	4.29	320						
563115 HIGH MEADOWS LANCER.....*		1	11	1-21	11	2.1	8,831	4.25	375	11	23	+47	-.04	-2	0
02-06-63 512974 2064319 5-71					19		8,509	4.50	383						
563116 ROSEWOOD NANCE DEACON.....*		6	50	3-33,56,	59	1.7	10,823	4.56	493	26	30	+3	+.02	+2	+2
01-18-63 533769 2005016 5-71				57	62		10,945	4.48	490						
563136 GOLDEN ACRES FAMOUS.....*		1	10	1-33	10	1.9	9,530	4.31	411	25	21	-40	-.01	-3	-4
01-30-63 512974 1990927 5-71					13		9,730	4.42	430						
563138 GRAIN MEADOW V VALOR.....*		5	4	4-32,42,	11	1.7	10,411	4.56	475	20	31	+124	-.02	+4	+7
06-10-62 529456 1211304 5-71				63,65	22		10,054	4.63	465						
563142 GRYSTAL LAKE ALEX.....		1	13	1-47	13	1.5	9,211	4.92	453	15	21	+97	+.02	+6	+7
06-05-62 532455 1956472 5-71					4		8,656	4.88	422						
563143 ROCK HAVEN PHYLLISS KING.....*		1	10	1-91	10	1.3	5,790	4.94	286	50	19	-542	+.07	-19	-30
01-01-63 506243 1894258 1-71					16		8,524	4.54	387						
563160 CHEOCO MYRNAS NUGGET.....*		1	13	1-52	13	1.5	10,919	4.53	495	42	21	+176	-.02	+6	+10
01-21-63 556165 1686044 5-71					35		10,145	4.63	470						
563193 KLEINPETER FARMS W BONO.....*		2	12	1-72	14	1.4	8,379	4.39	368	0	23	-175	-.02	-10	-13
03-15-63 540203 1734091 5-71					16		9,092	4.55	414						
563204 SHERBURNE PRAIRIE OEL REGAL...*		2	6	1-35	10	1.3	10,063	4.81	484	50	24	+12	+.04	+4	+4
01-15-63 557968 1881241 5-71					19		10,054	4.69	472						
563226 HOMESTEADS BON PRINCE.....*		1	11	1-92	11	2.8	10,134	5.14	521	9	24	-38	+.06	+4	+2
03-13-62 496783 1755277 5-71					13		10,370	4.92	510						
563233 VALLEY VIEW COUNT.....*		5	7	4-82,91,	19	1.5	10,341	4.65	481	33	37	-44	-.03	-5	-5
01-29-63 556059 2051819 5-71				92,93	39		10,555	4.76	502						
563251 ROSEWOOD JETLINER.....*		3	21	2-33,35	26	1.5	10,817	4.37	473	4	28	+251	-.02	+10	+15
01-07-63 545150 1904690 5-71					21		9,959	4.39	437						
563255 MANOR BONZA.....*		2	8	1-51	15	1.9	10,683	5.11	546	20	32	+122	+.04	+10	+11
01-08-63 496783 1858580 5-71					54		10,375	5.03	522						
563259 DETTING LELAS EMORY.....	35-21	13	4	5-41,42,	27	1.3	9,098	4.59	418	19	52	-185	-.05	-13	-16
01-26-63 533470 1346901 5-71				43,47,82	11		9,440	4.72	446						
563280 GATES NOBLEMAN STAR.....		1	18	1-43	18	2.0	10,587	4.98	527	13	25	-40	+.02	0	-1
07-04-62 489690 1929833 5-71					16		10,875	4.98	542						
563293 ROLINOA GLORY TRIUMPH.....		1	26	1-93	26	1.2	7,550	4.61	348	62	23	-284	+.02	-11	-16
01-30-63 543581 1735900 5-71					18		8,707	4.55	396						
563299 GOIN FARMS FAME FORTUNE.....*		3	6	1-47	13	2.5	11,654	4.83	563	31	34	+322	+.09	+24	+28
09-20-61 512974 1335460 5-71					15		10,814	4.60	497						
563331 ARLAOOR T C BUSTER.....*		2	18	1-35	25	2.0	11,398	4.22	481	15	31	+294	-.12	+2	+9
10-01-62 549235 1919173 5-71					11		10,541	4.53	477						
563335 WOODSIDE HALL JEWEL SUPREME...*		1	16	1-51	16	2.2	9,568	4.79	458	0	25	+93	+.03	+7	+8
07-16-62 475595 1415287 5-71					11		9,152	4.69	429						
563346 JANOE PENNYS FAME.....*		1	25	1-31	25	1.7	10,093	4.39	443	28	25	+15	-.02	-1	0
09-07-62 512974 1603936 5-71					8		10,078	4.49	452						
563350 CACHE MEADOW FAME BEN.....		1	11	1-86	11	1.4	13,438	3.99	536	13	20	+378	-.09	+9	+17
02-07-63 512974 1694761 5-71					45		11,750	4.22	496						
563389 BAYVILLE DON QUIXOTE.....*		6	27	3-52,55,	41	1.5	9,626	4.69	451	21	33	-222	+.04	-7	-12
02-07-63 425345 1533430 5-71				56	128		10,375	4.62	479						
563451 ANSMIL JULIETTA ROYAL MAJESTY.*		14	2	7-23,31,	20	1.6	10,940	4.63	506	17	51	+159	-.11	-3	+2
09-08-62 551885 1639096 5-71				32,33,35	27		10,739	4.85	521						
563477 CHAPPELL FAMOUS VIKING.....*		5	6	3-52,55,	17	1.2	8,719	4.40	384	7	34	-306	-.02	-16	-21
03-15-63 512974 1782314 5-71				56	59		9,611	4.51	433						
563498 KLONOIKE ROMULUS ROCKY.....*		1	18	1-56	18	1.3	11,225	4.79	538	18	22	-46	.00	-2	-3
02-28-63 515206 1834048 5-71					26		11,638	4.85	564						
563500 MERIT P ROYALIST.....*		5	6	3-15,16,	14	1.7	8,538	4.94	422	18	32	-243	+.07	-5	-10
01-26-63 542343 1822337 5-71				52	24		9,260	4.75	440						
563501 MERIT ACME GAYMAN.....*		6	11	3-16,21,	19	2.0	11,259	4.62	520	41	33	+154	-.03	+4	+7
10-08-62 526294 1979560 5-71				23	20		10,918	4.73	516						
563511 WERNS MAGICS ONWARO.....*		4	7	1-35	13	2.2	7,253	4.41	320	30	32	-221	-.01	-11	-15
05-15-61 515717 1167649 5-71					38		7,770	4.49	349						
563516 OAK GROVE BEAUTYS BARON.....*		2	14	1-23	18	2.3	9,171	4.87	447	12	29	-214	+.05	-5	-10
06-04-62 515501 1208667 5-71					17		9,949	4.71	469						
563537 BAYVILLE DUKE OF JAZZ.....*		3	9	1-23	14	2.2	10,706	4.88	522	15	30	-130	+.01	-5	-8
01-22-63 535492 1485542 5-71					12		11,311	4.87	551						
563553 NIXONS S SONNY.....*		2	8	2-42,43	10	1.9	8,832	4.56	403	40	23	-166	+.02	-6	-9
05-10-62 542436 1800278 1-71					12		9,542	4.52	431						
563581 ROBIN ROOST PRIDES ROYAL.....		2	20	1-32	38	1.3	9,773	4.48	438	16	36	-166	+.02	-6	-9
01-23-63 520701 1578949 5-71					56		10,308	4.45	459						
563583 WESTERN GLOW DUCHESS SUPERIOR.*	91-11	97	5	28-23,35,	232	1.3	10,804	4.78	516	27	89	-191	+.12	+2	-3
05-07-63 475548 1682143 1-71				42,91,93	27		11,174	4.66	521						
563594 FRENCH VALLEYS K FAME.....*		5	4	1-43	12	1.4	9,511	4.67	444	45	32	-329	+.01	-14	-20
01-06-63 512974 1958234 1-71					10		10,661	4.66	497						
563600 HILLDALE SONIC ACTOR.....*		2	12	1-41	14	1.9	8,564	5.10	437	14	25	-309	+.06	-9	-15
02-20-63 547261 1886652 5-71					12		9,839	4.91	483						
563626 IMIG FARMS 8 FAVOR.....*		1	20	1-47	20	2.1	8,122	5.04	409	17	25	-266	+.05	-8	-14
05-01-62 550858 1941302 5-71					15		9,123	4.86	443						
563639 MAPLEGRANOS SCOUT.....*		3	7	1-34	13	1.9	10,647	4.76	507	25	30	-91	-.01	-5	-7
11-10-62 516703 1144589 5-71					38		11,096	4.82	535						
563651 HOLCOMBS B P BILLY.....*		1	16	1-21	16	1.9	10,691	4.23	452	6	23	-91	-.04	-8	-9
08-30-62 511244 1905623 5-71					23		11,247	4.40	495						
563655 MULHOCAWAY BUTTERFAT ONYX.....*	35-05	22	3	3-35,41,	42	1.9	10,239	4.68	479	18	68	+244	+.02	+13	+17
09-29-62 475595 1788429 5-71				42	15		9,909	4.65	461						

REGISTRATION NUMBER / NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
563656 RDETTA KNIGHTS 8LDSSDM MAKER..*	91-13	39	7	9-41,82,	128	1.4	11,554	4.47	516	18	79	+445	-.18	+3	+14
11-06-62 499743 1768709 5-71				86,91,92	23		11,143	4.67	520						
563672 8AYVILLE MO CAESAR.....*		3	15	3-21,52,	20	2.0	11,185	4.53	507	18	30	+335	-.04	+12	+19
03-07-63 425345 1755186 5-71				55	123		10,104	4.65	470						
563681 WARDELLS KING 8UTTERFAT.....*		1	22	1-14	22	1.2	8,375	4.64	389	**	22	-143	.00	-7	-10
04-01-63 537307 1908686 5-71					23		8,951	4.69	420						
563683 CDNDVERS WELDA PATRDN.....*		2	16	2-22,23	18	1.5	9,452	4.92	465	13	24	+79	+.01	+5	+6
05-01-63 555132 1734186 5-71					76		9,072	4.87	442						
563688 SUNESLOPES E E ELASTIC.....*		2	7	1-42	10	1.8	7,974	5.13	409	0	25	-64	+.08	+5	+2
10-04-62 524393 1878250 9-70					11		8,078	4.75	384						
563698 MDNARCHS SALS KING.....*		2	16	1-35	23	1.7	9,688	4.60	446	30	30	+144	-.07	0	+4
04-05-63 506243 1832017 5-71					33		9,156	4.87	446						
563702 SHY VALLEY VELVETS 8DNANZA....*		1	20	1-63	20	1.5	9,469	4.93	467	15	23	-7	+.03	+3	+2
02-22-63 496783 1980621 5-71					37		9,488	4.80	455						
563708 GRAYCE FARMS MOS CHIEF.....*		5	5	3-31,56,	13	1.5	9,093	4.72	429	33	31	-285	+.03	-10	-16
02-28-63 425345 1917268 5-71				57	51		10,044	4.65	467						
563711 GOLDEN HARVEST WYN 8ERTRAM....		2	14	1-32	27	1.4	11,300	4.56	515	0	34	+393	+.03	+21	+28
03-23-63 555819 1090594 5-71					59		10,212	4.47	456						
563744 TERANCO V F PAT.....*		1	15	1-33	15	1.3	8,589	4.70	404	14	21	+20	+.01	+2	+2
11-08-62 512974 1827725 5-71					17		8,367	4.63	387						
563749 PRESTOALE V FAMES ROYALIST....*		1	15	1-82	15	1.7	10,436	4.70	491	20	23	-58	+.01	-2	-3
05-03-63 512974 1983255 5-71					24		10,807	4.70	508						
563754 HOUSLEYS CHIEF JULIUS.....*	21-10	16	4	5-11,21,	29	1.7	9,192	4.56	419	29	55	-429	-.02	-22	-29
09-24-62 425345 1327196 5-71				23,63,65	35		10,011	4.62	463						
563756 WOODACRES ROYAL MASTERMAN.....*	23-13	53	4	8-11,12,	106	1.8	10,532	4.55	479	17	82	+242	-.11	0	+6
10-30-62 511244 1805826 5-71				21,22,23	22		10,303	4.68	482						
563757 WOODACRES MASTER 8ILLY.....*		1	24	1-56	24	1.8	9,599	4.60	442	8	25	+15	-.01	0	0
12-10-62 511244 1577928 5-71					28		9,527	4.63	441						
563768 WOODWORTHS OSCAR.....*		4	8	1-34	15	1.3	9,341	4.75	444	46	28	-7	-.04	-4	-4
11-02-62 475595 1964057 5-71					18		9,341	4.97	464						
563773 MEADOW VIEW K C VICTOR.....*		2	8	2-41,42	10	2.4	10,300	5.08	523	0	25	+197	+.07	+16	+18
03-09-63 506243 1335581 5-71					16		9,493	4.86	461						
563781 NORMANOY ACTON.....		2	25	1-32	27	1.5	10,162	4.55	462	17	26	-79	+.01	-3	-5
11-30-62 512974 1899812 5-71					8		10,567	4.55	481						
563808 NOBLE MONAS PROUD LAD.....		1	13	1-35	13	2.8	8,840	4.75	420	15	25	-98	+.03	-2	-4
06-05-61 449173 1903662 5-71					7		9,194	4.70	432						
563819 WOODRUFF FARM M CHIEF.....*		6	9	2-42,47	21	1.6	8,995	4.74	426	29	36	-185	+.04	-5	-9
10-06-62 425345 1837722 5-71					10		9,494	4.66	442						
563824 YELLOW CREEK C B PROGRESS.....*		2	25	1-32	27	1.7	10,214	5.01	512	37	26	-172	+.04	-4	-8
03-16-63 528424 1418197 5-71					10		11,017	4.92	542						
563829 BROWNIES FARMS OSCAR.....*		4	4	1-92	10	1.6	10,297	4.91	506	40	30	-197	+.09	-1	-6
03-26-63 488786 1926898 5-71					27		11,107	4.67	519						
563877 MCDONALD FARMS JV GALORE.....*		3	11	2-23,51	15	1.9	9,196	5.11	470	13	27	-158	+.06	-2	-6
04-17-63 530291 1943570 5-71					25		9,813	4.92	483						
563886 TORREY FARM VERN.....*		1	11	1-35	11	1.6	9,737	4.85	472	27	21	-113	+.01	-4	-6
02-17-63 524993 1470146 5-71					16		10,357	4.86	503						
563911 DORL ACRES VIKING DEMAND.....*		2	13	2-35,85	16	1.4	9,316	4.27	398	62	24	-3	-.04	-4	-3
11-21-62 518025 1505386 5-71					72		9,298	4.46	415						
563912 FAR WEST JOLLY ROYAL.....*		1	18	1-91	18	1.9	9,440	4.63	437	19	24	-55	-.03	-5	-6
03-14-63 530291 1872402 5-71					18		9,675	4.78	462						
563924 GWYN CAREG F 8ONANZA.....*		1	19	1-16	19	1.5	10,472	4.67	489	26	23	+40	+.02	+4	+4
09-14-62 496783 1830017 5-71					44		10,372	4.58	475						
563944 MONTE VISTA FARMS SUPER.....	91-13	11	1	5-41,86,	14	1.6	10,762	4.71	507	17	44	0	+.01	+1	+1
03-11-63 496783 1836519 5-71				91,92,93	28		10,887	4.68	510						
563946 MONTE VISTA FARMS 8ONANZA.....*		1	32	1-93	32	1.1	11,448	4.71	539	14	23	+78	-.04	0	+2
02-01-63 496783 1783672 5-71					31		11,274	4.85	547						
563970 LEA DALES LADYS FAME.....*		1	10	1-33	10	1.8	8,605	4.71	405	38	21	-136	+.03	-3	-6
03-02-62 512974 1661145 5-71					9		9,229	4.59	424						
563984 COVE VIEW LILAS 8ONANZA.....*		2	19	1-43	21	1.8	8,435	4.94	417	16	26	-74	+.06	+2	0
01-18-63 550942 1616707 5-71					18		8,619	4.72	407						
564022 MELLDORO STAR KING.....*		2	16	1-56	18	1.4	9,838	4.83	475	18	24	-39	+.04	+2	+1
03-15-63 506918 1941274 5-71					19		10,047	4.68	470						
564054 WILEVA 8UTTERFATS HILIGHT.....*		1	43	1-84	43	2.0	9,576	4.50	431	16	28	+2	+.02	+2	+2
07-08-62 539144 1253713 5-71					12		9,563	4.42	423						
564066 DELPHI DELL EMALINE VALENCIAN.*		2	13	1-91	15	2.0	9,682	4.73	458	17	26	-157	+.06	-2	-6
12-17-62 506917 1802206 5-71					19		10,375	4.57	474						
564075 FERN FARM COLONEL.....*		1	10	1-35	10	1.5	9,157	4.63	424	22	20	-22	+.02	+1	0
04-05-63 553282 1463630 1-71					16		9,230	4.49	414						
564125 SOFT GOLD 8ILLYS 8UDDY.....*		4	13	3-33,41,	18	2.3	11,826	4.51	533	14	31	+409	-.06	+13	+21
07-08-62 511244 1907499 5-71				73	20		10,580	4.68	495						
564153 KADDCKADEE ROSE SUPREME.....*		1	10	1-12	10	2.2	8,649	4.41	381	0	22	-101	.00	-5	-7
09-27-62 538021 1874756 5-71					26		9,058	4.45	403						
564156 PEARLINES VAGABONDS PRINCE....*		1	10	1-92	10	1.7	8,870	5.02	445	44	20	-131	+.04	-2	-5
09-25-62 495827 1220938 5-71					11		9,508	4.85	461						
564172 BREEZE HILL FERDINAND.....*		1	10	1-35	10	1.9	10,607	4.62	490	13	21	-234	-.02	-13	-17
12-17-62 536087 1991339 5-71					12		11,933	4.76	568						
564173 EDISTO FARMS BLZ BANNER.....*		4	8	2-52,56	16	1.5	10,012	4.60	461	0	31	-192	+.02	-7	-11
04-18-63 543210 1833181 5-71					54		10,745	4.58	492						
564177 PINE RIDGE OHIO.....		1	17	1-35	17	1.2	10,460	4.87	509	27	21	+5	+.05	+5	+4
06-10-62 552801 1971269 1-71					23		10,526	4.67	492						
564182 MCDONALD FARMS B GRAND DUKE...*		12	5	6-16,21,	27	1.7	11,207	4.46	500	12	51	+192	-.09	0	+5
05-09-63 511244 2066687 5-71				31,33,57	14		10,967	4.63	508						
564273 MESABA K L SHEEK.....*		2	14	2-35,41	16	2.1	10,956	4.33	474	18	26	+31	-.01	0	+1
07-20-62 503449 1774033 5-71					21		10,971	4.39	482						

REGISTRATION NUMBER NAME DF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK MILK	% %	FAT FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
564274 SPAR HILL JDLLY NO8LE.....*	72-01	6	24	2-50,72	45	1.3	8,876	4.36	387	9	36	-233	-.01	-12	-16
04-26-63 524993 1858585 5-71					58		9,513	4.42	420						
564309 GREEN HILL E JETHRO.....*		2	8	1-35	10	1.4	10,204	4.84	494	**	22	-47	+.01	-1	-2
10-01-62 547204 1561690 5-71					15		10,515	4.87	512						
564319 GUERNSDEL DANDY A8E.....*		3	8	3-55,56,	11	2.1	11,001	4.52	497	10	26	+385	-.03	+15	+22
08-15-62 526495 1689395 5-71				57	28		9,515	4.61	439						
564325 POMONA ACRES 8RANDYS 8DNANZA..*		1	26	1-31	26	1.5	9,918	4.63	459	30	24	+26	.00	+1	+2
12-17-62 550942 1723528 5-71					24		9,831	4.64	456						
564333 SNAKE RIVER V FAMES CDMMANDER.		1	19	1-82	19	1.4	10,762	4.64	499	53	23	-62	+.02	-1	-2
09-07-62 512974 2064062 5-71					27		11,195	4.60	515						
564340 LYRENE MAESTRDS SATAN.....*		1	27	1-35	27	1.9	9,282	4.92	457	4	26	-165	+.09	+1	-3
03-16-63 531527 1948668 5-71					13		9,963	4.56	454						
564346 8LAKEFORD GDVERNORS VALDR.....*		5	12	2-23,52	29	1.4	9,843	4.74	467	50	38	-126	-.01	-7	-9
12-01-62 550793 2001861 5-71					12		10,236	4.81	492						
564350 PRICE 8LACK MELISSAS 8ILLIE...*		1	17	1-85	17	1.2	10,576	4.15	439	43	21	-161	+.03	-5	-8
01-14-63 511244 1978825 5-71					631		11,538	4.09	472						
564354 MAPLEGRANDS JEWEL 8DY.....*		2	22	1-34	24	1.7	10,413	4.90	510	25	26	+20	.00	+1	+1
04-24-63 475595 1699610 5-71					22		10,416	4.93	514						
564362 MAPLE LEAF LANCER.....*		3	13	3-35,41,	17	1.4	10,660	4.82	514	25	25	-198	+.04	-5	-9
04-01-63 556820 1792430 5-71				42	22		11,650	4.70	547						
564363 LAUXMONT HALCDN.....*		1	24	1-31	24	1.5	10,533	4.58	482	4	24	+50	+.01	+3	+4
06-13-63 529641 1720182 5-71					10		10,398	4.55	473						
564383 J MAR NELL FAMES LUCKY FELLA..*		1	16	1-43	16	1.3	9,215	4.83	445	53	21	-293	+.03	-11	-17
04-30-63 512974 1951511 5-71					21		10,710	4.73	507						
564391 FDREST HDMES LDRENES COUNT....*		2	12	1-35	14	1.4	10,143	4.49	455	25	23	-84	-.02	-6	-7
07-09-63 496783 2004350 5-71					15		10,609	4.63	491						
564409 WINDY HILL ADMIRAL LAD.....*		2	9	1-23	11	1.4	8,615	4.13	356	0	22	-45	-.03	-5	-5
05-12-63 537543 1638066 5-71					60		8,740	4.32	378						
564434 NORGERTS NANCE PRDDUCTIDN.....*		1	16	1-48	16	1.9	11,602	5.34	619	13	24	+135	+.02	+8	+10
07-10-63 533769 1746802 5-71					17		11,185	5.36	599						
564438 SPRING LANE 8EAUTYS ACTDR.....*		2	10	1-23	12	1.3	8,683	4.47	388	73	22	-172	+.02	-6	-9
04-07-63 552348 1363367 5-71					17		9,465	4.41	417						
564445 CLEVERLANDS V FAME DRION.....*		1	18	1-93	18	1.6	12,239	4.41	540	11	23	-122	+.05	-1	-4
05-04-63 512974 1966610 5-71					122		13,113	4.26	559						
564449 RDSEWDDD RDSE REGAL.....*		5	5	2-33,35	14	1.6	11,439	4.42	506	8	34	+11	-.11	-10	-8
02-27-63 533769 1948099 5-71					25		11,604	4.74	550						
564453 GRAND VIEW FLICKAS RDYAL.....*		2	13	2-55,57	15	1.9	10,238	4.45	456	8	25	+3	-.02	-2	-2
04-23-63 503895 1446159 5-71					31		10,292	4.58	471						
564458 CHEDCO HOLLYHDCKS NUGGET.....*		1	10	1-31	10	1.4	8,976	4.78	429	20	19	-77	.00	-4	-5
06-14-63 556165 1570447 5-71					61		9,353	4.89	457						
564503 HOUSLEYS CHIEF LANCER.....*		2	9	1-63	14	1.8	9,103	4.60	419	0	28	-84	+.02	-2	-4
07-27-62 425345 1945192 5-71					16		9,383	4.57	429						
564564 STURGIS FARM 8ONANZA KING.....*		1	17	1-56	17	2.1	8,926	4.43	395	13	25	-84	+.01	-3	-5
09-09-62 550942 1688525 5-71					24		9,231	4.43	409						
564565 WERNS CALLA LILYS HERD.....*		5	8	2-21,35	19	2.0	7,485	4.56	341	7	37	-142	+.03	-4	-7
12-30-60 520461 1037679 5-71					35		7,674	4.50	345						
564567 WESTERN GLDW LADINAS FLASH....*		5	12	3-82,86,	28	1.4	12,233	4.33	530	13	37	+243	-.01	+10	+15
06-27-63 475548 1700388 5-71				91	55		11,792	4.32	510						
564573 WILSONA JASDNS GLEN.....*		4	7	2-91,92	16	1.6	10,014	4.29	430	8	34	-91	-.09	-13	-13
05-20-63 545832 1523250 5-71					25		10,361	4.57	473						
564579 MINELDA FAME ONWARD.....		1	11	1-41	11	1.6	9,397	4.72	444	**	21	-49	+.02	0	-1
07-31-62 512974 1665720 5-71					14		9,632	4.61	444						
564588 TDMA JDLLY NICK.....*		4	9	1-35	19	1.9	10,425	4.79	499	12	36	-105	+.07	+2	-1
12-20-62 530291 1874244 5-71					15		10,841	4.60	499						
564596 ROCKVIEW FARMS MISTER MAC.....		1	27	1-93	27	1.5	8,600	5.00	430	16	25	-246	+.04	-8	-13
04-10-63 552647 2060885 5-71					60		9,599	4.87	467						
564608 ATTE8RDC 8ILLYS LEADER.....*		1	14	1-21	14	1.7	11,205	4.58	513	46	22	-113	-.05	-10	-11
04-14-63 511244 1927160 5-71					26		11,946	4.80	573						
564658 MARGENDELL GDLDEN CROSS.....*		6	3	2-35,65	13	1.5	9,190	4.48	412	9	37	-138	-.03	-9	-11
03-11-63 543853 1919772 5-71					14		9,563	4.57	437						
564670 MAPLE LEAF ALERT LEADER.....*		1	16	1-47	16	1.9	10,776	4.87	525	19	24	+72	+.04	+7	+8
07-23-63 552020 1513247 5-71					9		10,568	4.76	503						
564683 SHAMRDCKS 8DN CDLONEL.....*		1	33	1-93	33	1.0	11,394	4.48	510	0	22	+147	-.04	+3	+6
06-12-63 496783 1633539 5-71					176		10,863	4.60	500						
564720 TWIN PINES FA8RONS KING.....*		1	13	1-35	13	1.8	8,255	4.80	396	17	22	-167	+.02	-6	-9
02-26-63 454224 1739191 5-71					12		8,941	4.73	423						
564726 LEAFY LANE 8DN FLASH.....*		2	20	2-23,32	22	1.7	11,450	4.85	555	5	26	+234	-.02	+9	+14
07-11-63 475548 2035932 5-71					14		10,654	4.96	528						
564756 HDMESTEAD ACRES 8ILLY STU8....*		4	6	1-23	15	1.7	10,298	4.97	512	14	34	+115	+.07	+12	+13
12-20-62 511244 1747332 5-71					14		9,994	4.80	480						
564762 WDDDACRES REGAL 8DND.....*		1	12	1-31	12	1.6	8,298	5.04	418	33	21	-217	+.03	-7	-11
04-01-63 524479 1847652 5-71					24		9,281	4.92	457						
564763 WDDDACRES 8A8ETTS VAL.....*	31-02	1	10	1-31	10	1.3	10,301	4.32	445	33	19	+73	-.01	+2	+4
04-04-63 530291 2006025 5-71					21		9,950	4.38	436						
564766 GUERNSEY ACRES V FAME.....*		1	10	1-15	10	1.3	10,792	4.25	459	0	19	+447	-.09	+12	+22
01-22-63 512974 1756589 5-71					11		8,322	4.66	388						
564772 SUNNYCREST RDCKET.....*		1	13	1-92	13	1.9	10,577	4.76	503	33	23	-104	+.08	+3	0
07-16-62 553818 1408189 5-71					8		11,195	4.42	495						
564773 CLARKDALE KITTYS CHIEF.....*		1	14	1-52	14	1.6	9,058	5.14	466	33	22	-42	+.06	+4	+2
02-08-63 425345 1764789 5-71					47		9,210	4.89	450						
564776 DZARK VALES F FAMDUS.....*		2	10	1-43	12	1.4	11,262	5.21	587	17	22	+169	+.08	+16	+18
06-15-63 512974 1760988 5-71					27		10,601	4.91	521						
564791 KINGENDALE NANCES JDE.....		1	14	1-31	14	1.4	11,903	4.33	515	0	21	+256	-.08	+4	+10
07-03-63 533769 2057961 5-71					7		10,809	4.64	502						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF OAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... OAUS HM/OAU	REC/OAU HEROMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
564796 BAYVILLE O JOKER.....*		1	15	1-55	15	1.6	8,157	4.70	383	8	23	-367	+.01	-16	-23
08-15-63 530908 1955224 5-71					53		9,812	4.68	459						
564809 BREN BERN SEBASTIAN.....*		2	20	1-51	22	1.4	9,712	4.79	465	29	24	-94	+.06	+1	-2
06-23-63 553356 1081195 5-71					9		10,155	4.57	464						
564864 DEEP LAKE FLASHS HANNIBAL.....*	23-13	87	4	13-31,51,	200	1.4	9,400	4.79	450	18	89	-82	+.07	+3	0
03-14-63 475548 1531468 1-71				54,56,58	35		9,478	4.71	446						
564865 DEEP LAKE FLASHS PAUL.....*		1	17	1-23	17	1.9	8,256	4.89	404	29	24	-131	+.04	-2	-5
03-19-63 475548 1410067 5-71					21		8,712	4.72	411						
564871 WESTLYNN C BUTTER MASTER.....*		2	16	1-82	18	1.6	9,598	4.58	440	7	25	+85	+.03	+7	+8
06-18-63 533943 1228035 5-71					10		9,212	4.45	410						
564882 WANDERING BROOK J V DOUG.....*		1	19	1-21	19	2.1	9,161	4.73	433	5	25	-78	+.05	+1	-1
06-29-63 530291 1516798 5-71					12		9,459	4.54	429						
564890 SANFADAIR WARRIOR RADIANT.....		1	22	1-41	22	2.0	9,890	4.67	462	18	26	-101	.00	-5	-7
05-18-63 543819 1733161 5-71					6		10,356	4.71	488						
564909 LAGREEN GIANT BONANZA.....*		1	29	1-72	29	1.8	10,005	4.41	441	15	25	+88	-.04	0	+2
10-15-62 496783 1791013 5-71					119		9,661	4.59	443						
564917 REO LEVEL NORAS NERO.....*		2	17	1-52	19	1.5	11,030	4.64	512	24	25	+162	-.05	+3	+7
07-07-63 511244 1985984 5-71					24		10,451	4.83	505						
564918 VALLEY SET NANCES ALIX.....*		3	11	2-32,48	15	1.6	10,274	4.49	461	29	26	-116	-.11	-16	-16
07-04-63 533769 1439782 5-71					19		10,848	4.93	535						
564929 FRANCHESTER BONANZAS EMPEROR..*		4	10	4-16,31,	19	1.7	10,271	4.89	502	19	34	-65	+.03	0	-2
07-19-63 550942 1842460 5-71				51,56	39		10,560	4.81	508						
564932 OLD HOMESTEAD PACEMAKER.....*	23-11	23	2	5-11,14,	34	1.7	9,579	4.74	454	16	63	-92	+.08	+3	0
06-28-63 503512 1075438 5-71				16,21,23	25		9,737	4.61	449						
564935 ABBOTTSDALE J C FOREMOST.....*		1	10	1-23	10	2.2	9,203	5.02	462	20	22	-43	+.03	+1	0
02-13-63 515501 2000735 5-71					20		9,382	4.90	460						
564941 RUTTER BROS SUPERIOR TRIGGER..*		1	13	1-23	13	1.7	11,186	4.71	527	8	22	+114	-.04	+1	+4
06-23-63 522908 1245488 5-71					35		10,795	4.93	532						
564947 LAUXMONT POPPY NANCE SUPERIOR.*		1	17	1-52	17	1.9	9,121	4.73	431	6	24	-39	-.01	-3	-4
08-20-63 533769 1986501 5-71					51		9,247	4.86	449						
564949 SPAR HILL JOLLY BEAU.....*		1	22	1-51	22	1.6	6,984	4.78	334	25	24	-485	-.01	-23	-32
07-20-63 524993 1523310 5-71					19		8,930	4.85	433						
564960 ROSENDAHL F LAD.....*		1	18	1-23	18	1.6	9,420	5.15	485	11	23	-151	+.07	0	-4
07-07-63 556917 2025725 5-71					42		10,120	4.85	491						
564966 BAY MEADOW HANKS COUNT.....*		5	7	2-86,93	20	1.3	11,552	4.04	467	12	36	-115	-.13	-18	-18
07-11-63 554773 1994807 5-71					60		12,124	4.35	528						
564975 ELLCONN SUPREME MARK.....*		1	11	1-16	11	1.5	10,326	4.74	489	13	20	+66	+.01	+4	+5
05-06-63 475595 1696403 5-71					7		10,040	4.69	471						
564990 NORGERTS DISPATCH CAPTAIN.....*		2	26	1-42	28	1.5	10,853	4.65	505	27	26	+67	.00	+3	+4
07-30-63 529773 1924918 5-71					20		10,702	4.66	499						
564991 NORGERTS NANCE DIAMOND.....*		1	20	1-21	20	1.4	10,763	4.82	519	47	23	-14	+.05	+4	+3
08-01-63 533769 1832579 5-71					51		10,965	4.63	508						
564998 SPRING GARDEN TOP FAME.....*		1	10	1-51	10	2.2	8,647	4.83	418	0	22	-142	+.02	-5	-8
08-27-63 549235 1611440 5-71					24		9,249	4.79	443						
565002 TANRACKIN JACK OF DIAMONDS....*		1	10	1-21	10	1.2	11,427	4.64	530	33	19	+151	.00	+7	+10
09-26-63 503512 1879791 5-71					17		10,724	4.65	499						
565009 PINECREST ACRES BILLYS VIRGEL.*		1	15	1-35	15	2.9	9,652	4.61	445	14	26	-186	+.02	-7	-11
01-02-62 511244 1944148 5-71					11		10,465	4.58	479						
565011 MCDONALD FARMS MISTER GLEN....*		1	18	1-21	18	1.4	10,401	4.58	476	17	23	+161	-.04	+4	+7
07-26-63 488786 1706977 5-71					22		9,697	4.76	462						
565023 F C BONANZA CAPTIN.....*		2	14	1-32	16	1.8	11,043	4.64	512	0	25	-79	+.02	-2	-4
10-16-62 550942 1689085 5-71					6		11,552	4.61	533						
565030 CRESCENTS TRAVELERS HEIR.....*		2	16	1-32	18	1.2	11,450	4.61	528	33	23	-57	-.05	-7	-7
05-28-63 531473 1777667 5-71					16		11,931	4.84	577						
565042 HANSENAREA PRETOR.....*	21-10	57	3	7-11,12,	115	1.4	9,907	4.64	460	20	83	-124	+.02	-4	-7
05-03-63 528754 1740370 5-71				16,21,23	22		10,105	4.63	468						
565070 GROSS ACRES COLLEENS COUNT....*		2	8	1-34	10	1.6	10,677	4.50	480	0	22	+180	-.04	+4	+8
07-30-63 496783 1481404 5-71					3		9,886	4.68	463						
565071 WYNO HERO YANCY.....*		2	8	2-56,58	10	1.3	8,922	4.52	403	44	21	-160	+.05	-3	-7
03-07-63 539419 1839511 1-71					58		9,697	4.33	420						
565081 FAVAS C OUKE.....*		1	22	1-23	22	2.1	9,992	4.81	481	11	26	-26	+.02	+1	0
01-02-62 470947 1758603 5-71					27		10,150	4.72	479						
565116 SCENICS ROYAL FAME.....*		3	7	1-35	10	1.3	12,098	4.53	548	0	23	+310	.00	+14	+20
08-06-63 512974 1904799 5-71					16		10,881	4.51	491						
565125 HANOVER HILL H STINGER.....*		1	21	1-21	21	1.4	10,718	4.94	530	10	23	-50	+.05	+2	0
10-04-63 555819 1964544 5-71					33		11,084	4.78	530						
565127 FRIENDSHIP FAMES P VICTOR.....*		2	9	1-23	11	1.7	11,203	4.25	476	33	24	+203	-.10	0	+5
03-20-63 512974 2010847 5-71					17		10,428	4.61	481						
565130 BAY MEADOW CHAMPION HONEY BOY.*		1	16	1-93	16	1.4	9,134	4.95	452	8	22	-128	+.04	-2	-5
08-08-63 549864 1847349 5-71					66		9,735	4.83	470						
565131 SHAMROCK S BRILLANT.....*		1	19	1-86	19	1.7	13,681	4.25	581	11	24	+100	.00	+5	+7
08-08-63 522043 2019030 5-71					86		13,670	4.21	575						
565136 IDEALS NOMAD.....*		1	10	1-22	10	2.2	10,231	5.40	552	0	23	-166	+.11	+3	-2
04-17-63 532698 2010114 5-71					117		11,117	4.95	550						
565142 FEURA MO LUCKY.....*	61-02	11	2	5-31,32,	19	1.5	9,665	4.71	455	6	49	+32	+.02	+3	+3
05-12-63 425345 1940621 5-71				33,61,63	17		9,596	4.67	448						
565150 BRENDALE DAPHNE SIR KING.....		1	20	1-41	20	1.2	7,708	5.11	394	17	22	-252	+.01	-11	-16
05-10-63 471823 1924188 9-70					9		8,779	5.10	448						
565152 GUERNSEY LAND FAITHS COMMAND..*		2	8	1-21	10	1.1	9,700	4.36	423	22	20	-121	-.04	-9	-11
03-19-63 549235 1876579 5-71					18		10,386	4.57	475						
565155 FOREMOST Q J CS VALIANT.....*		5	10	3-43,48,	24	1.6	9,563	4.78	457	35	37	-242	+.10	-2	-8
03-07-63 515501 1938846 5-71				84	56		10,282	4.55	468						
565164 VILLA WAY PRINCES SAM.....*		1	15	1-23	15	1.4	7,946	4.48	356	7	22	-114	+.03	-2	-5
08-10-63 551314 1588275 5-71					9		8,349	4.32	361						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
565168 MEADOWMARSH GOLDEN MILKMAN....*		5	4	2-86,91	12	1.4	11,398	4.60	524		22	32	+85	+.01	+5	+6
02-11-62 512974 963160 5-71					46		11,295	4.55	514							
565181 RDZELYN MEMDRYS V FAME.....*	35-05	17	4	4-35,41,	28	1.3	11,581	4.51	522		11	52	+250	-.12	0	+6
06-18-63 512974 1783857 5-71				42,91	18		11,261	4.73	533							
565188 FIRESIDE ELLAS FLASH.....*		3	5	1-31	13	1.5	8,952	4.75	425		31	31	-496	+.01	-22	-31
05-02-63 548269 1816677 5-71					12		10,646	4.74	504							
565199 SUNSET VIEWS SUPREMES ELMER...*		4	4	2-22,23	10	1.1	11,331	4.75	538		20	27	+253	+.03	+15	+19
06-21-63 475595 1868535 9-70					20		10,485	4.64	487							
565229 SHENMONT CALA MO.....*		5	2	2-52,54	11	1.5	9,537	5.01	478		29	35	-312	+.10	-5	-12
08-28-63 425345 1913062 5-71					24		10,522	4.74	499							
565264 GRANDVIEW ROYAL PREMIUM.....*		1	14	1-55	14	1.8	7,651	4.81	368		8	23	-244	+.02	-9	-14
11-16-63 503895 1668283 5-71					11		8,621	4.74	409							
565271 HOLIDAY HILL ERMINES MAJOR....*		1	12	1-54	12	2.0	10,076	4.70	474		11	23	+104	+.03	+8	+9
12-24-62 496783 2155053 5-71					13		9,617	4.58	440							
565272 KLONDIKE NANCES ROYAL.....*		5	6	2-55,56	14	1.6	9,703	4.49	436		15	32	-245	-.04	-15	-19
09-19-63 533769 1846430 5-71					24		10,571	4.64	490							
565285 SOUTH VIEW NANCES DIRK.....*		2	10	1-32	20	1.7	12,260	4.67	572		20	33	+275	-.03	+10	+15
10-05-63 533769 1969798 5-71					19		11,638	4.75	553							
565288 IDEALS NATHAN.....*		1	20	1-23	20	1.3	8,507	4.90	417		11	22	-188	+.03	-6	-10
12-14-62 540198 2008289 5-71					40		9,328	4.83	451							
565290 MAPLE LEAF FRANK.....		1	11	1-41	11	1.1	8,386	4.52	379		**	19	-76	+.01	-3	-4
09-02-63 556820 1633448 5-71					12		8,708	4.54	395							
565304 CLEVERLANDS ETHALIAS V FAME...*		2	20	1-93	22	1.5	12,023	4.46	536		14	25	-242	+.10	-2	-8
08-31-63 512974 1143417 5-71					112		13,359	4.19	560							
565326 HEYWES COMMANDS KEN.....*		1	12	1-56	12	1.0	9,765	4.68	457		0	19	-103	+.03	-2	-4
11-01-63 549235 1632008 1-71					59		10,402	4.60	478							
565338 PINE KNOLL NEWT.....		1	14	1-41	14	1.7	10,307	4.63	477		0	23	+272	-.02	+11	+16
07-01-63 557401 2097858 1-71					6		9,051	4.72	427							
565346 IDEALS NORLAND.....*		2	18	1-51	22	1.1	8,159	5.12	418		29	24	-241	+.08	-4	-10
05-22-63 540197 1344232 1-71					33		9,099	4.80	437							
565358 DEWAN FARMS NE E88TIDE.....*	23-09	13	1	4-21,22,	14	1.3	10,315	4.92	508		25	43	+344	+.06	+22	+27
11-02-63 536589 2087939 1-71				23,51	20		9,501	4.81	457							
565359 POMONA ACRES 80NS 8ERT.....*		2	30	1-31	34	1.9	10,691	4.60	492		21	28	+279	-.09	+4	+11
09-05-62 550942 1971205 5-71					8		9,714	4.94	480							
565372 EDISTO FARMS 8LOSSOM NANCE....*		4	7	1-56	22	1.6	10,157	4.56	463		6	42	+123	-.05	+1	+4
10-07-63 533769 1639870 5-71					49		9,886	4.66	461							
565379 WESTERN GLOW DUANNS COUNT.....*	23-11	65	4	9-11,16,	137	1.4	9,813	4.82	473		27	85	-244	+.09	-3	-9
10-07-63 475548 2006032 5-71				21,22,23	29		10,155	4.74	481							
565386 F L F NORGERTS RED RUD.....*		1	17	1-52	17	2.1	9,902	4.66	461		0	25	+47	-.02	0	+1
09-18-63 533769 2015129 5-71					17		9,721	4.81	468							
565403 LAY LAINE DISPATCHS REX.....*		3	15	3-32,55,	19	1.1	11,534	4.11	474		6	24	+13	-.02	-1	0
10-23-63 529773 1689055 5-71				58	92		11,683	4.17	487							
565413 CHIEF Q EMORY.....*		5	4	2-32,34	14	1.4	10,711	4.74	508		0	36	+305	-.02	+12	+18
01-19-63 528424 1920083 5-71					13		9,896	4.82	477							
565424 WDODACRES BUTTERFAT PHAROAH...*	35-05	71	5	4-33,35,	182	1.4	9,919	4.70	466		22	87	-188	+.02	-7	-11
05-28-63 493764 1918508 5-71				41,42	15		10,193	4.70	479							
565434 MAIZELAND CENTURIONS CHIEF....*		2	16	1-43	20	1.2	10,979	4.38	481		30	24	+224	-.02	+8	+12
07-02-63 548954 1835522 5-71					10		10,098	4.46	450							
565435 MAIZELAND DORIANS DRIX.....*		3	5	1-43	10	1.1	9,461	4.46	422		0	24	+85	-.02	+2	+4
09-01-63 544344 1883918 5-71					16		9,044	4.54	411							
565459 TURMAN FARMS F ROYAL.....*		1	17	1-43	17	2.2	10,283	4.25	437		19	24	-47	-.02	-4	-5
07-05-62 512974 1693446 5-71					19		10,575	4.34	459							
565466 TALL CORN COLONEL.....		1	13	1-42	13	1.6	7,620	4.13	315		17	22	-370	-.02	-19	-25
08-16-63 559992 1768115 5-71					3		9,270	4.33	401							
565478 CORNER GROVE V WILLIAM.....*		1	29	1-32	29	1.3	8,981	4.71	423		62	24	-144	-.02	-9	-11
10-24-63 529456 1944969 1-71					28		9,595	4.87	467							
565504 GRAYCE FARMS FOREMOSTS PRINCE.*		1	14	1-23	14	1.6	7,805	4.69	366		0	22	-104	-.02	-7	-9
09-10-63 518090 1821578 5-71					17		8,134	4.91	399							
565505 GREEN FIELDS NANCES PRINCE...*		4	14	2-56,58	19	1.7	10,452	4.37	457		7	29	+6	-.02	-2	-2
09-27-63 533769 1785787 5-71					20		10,519	4.45	468							
565513 WANDERING 8ROOK J V LOT.....		2	8	1-32	12	1.3	11,047	4.64	513		0	25	+128	+.05	+11	+12
10-22-63 530291 1964703 5-71					53		10,631	4.43	471							
565515 LITTLE FALLS FORTUNES MARK....*		2	16	1-21	18	1.4	9,731	5.13	499		33	24	-43	+.09	+7	+5
10-01-63 528754 1948322 5-71					24		9,946	4.76	473							
565547 LANCERS DON JUAN.....*		1	11	1-93	11	1.4	9,754	4.66	455		0	20	-16	.00	-1	-1
07-18-63 529811 2004560 1-71					36		9,861	4.75	468							
565566 SPAR HILL MISTER CHIP.....*		1	11	1-50	11	1.4	11,404	4.81	549		20	20	+256	-.05	+7	+12
11-24-63 510634 1511048 5-71					12		10,169	5.10	519							
565580 FLORAFARM JULIUS.....		1	17	1-35	17	1.5	9,108	5.26	479		**	23	-186	+.06	-3	-7
10-08-63 522508 1709913 1-71					20		9,957	5.05	503							
565594 ANSMIL D QUANTITYS MASTER.....*		7	6	4-22,31,	15	1.3	9,938	5.04	501		21	32	-149	+.04	-3	-6
07-02-63 551885 1986936 5-71				33,61	33		10,492	4.96	520							
565600 WINACRES LOVELYS FLASH.....*		3	13	1-91	24	1.6	11,561	4.83	558		26	34	-24	+.09	+8	+6
07-22-63 475548 1939627 5-71					22		11,856	4.59	544							
565643 MERIT PREM DELOS.....*		6	5	4-12,14,	17	1.4	9,066	4.88	442		27	37	-390	+.06	-13	-21
10-02-63 542343 1956130 1-71				16,21	19		10,179	4.76	485							
565654 MUNGLES SA80 LEADER.....*		5	21	2-72,73	33	1.7	9,625	4.28	412		8	34	-212	-.03	-13	-16
01-05-63 553653 1736529 5-71					83		10,326	4.41	455							
565655 MUNGLES SA80 SUPER8.....*		4	19	3-72,73,	25	1.9	10,937	4.35	476		17	30	+136	-.02	+4	+7
01-11-63 553653 1996455 5-71				85	116		10,572	4.38	463							
565678 8LAKEFORD GOVERNORS LOTHARIO..*		12	1	7-35,52,	14	2.0	10,547	4.85	512		8	46	+350	+.10	+26	+31
03-03-63 550793 2059613 5-71				55,56,57	37		9,806	4.65	456							
565680 RUTTER BROS TETONS PAUL.....*		2	11	1-23	14	1.5	10,647	4.70	500		36	25	-239	-.03	-14	-18
11-18-63 532698 1841913 5-71					28		11,835	4.84	573							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
565704 8ROCKWELL FLASH ALCATRAZ.....*		2	14	1-91	16	1.6	10,872	4.79	521	8	25	-180	+.01	-7	-10
01-14-63 475548 1637925 5-71					24		11,826	4.78	565						
565730 GRAYCE FARMS JESSIES CHIEF....*		1	15	1-31	15	1.4	10,328	4.76	492	14	22	-121	+.03	-3	-6
11-07-63 540077 1886942 5-71					40		11,028	4.71	519						
565747 NORMANDY VICEROY.....*		1	10	1-32	10	1.5	7,631	4.57	349	50	20	-168	.00	-8	-11
11-03-62 512974 2047347 5-71					14		8,356	4.62	386						
565761 WALKER FARMS CURT HANDY MAN...*		2	9	1-65	11	1.6	10,111	4.80	485	33	23	-93	+.03	-1	-3
11-16-63 512334 1396837 5-71					105		10,620	4.68	497						
565763 COL8YS FORTUNE.....*		3	12	1-11	17	1.5	10,851	4.80	521	13	28	+132	+.04	+10	+12
11-14-63 512974 1237543 5-71					19		10,453	4.66	487						
565768 CLARKDALE MARSHALS LESLIE.....*		1	10	1-52	10	1.0	8,660	4.86	421	44	18	-54	-.01	-3	-4
12-14-63 536393 1945900 1-71					44		8,898	4.97	442						
565797 ROES MOR C 8 DIVIDEND.....*		2	9	1-33	11	1.6	11,395	4.70	535	10	23	+83	-.02	+2	+4
11-07-63 550942 1987426 5-71					10		11,183	4.78	535						
565798 ROES MOR C B DEXTER.....*		2	9	1-33	11	1.4	9,135	4.84	442	10	22	+118	+.04	+9	+11
11-10-63 550942 2124591 5-71					5		8,480	4.66	395						
565801 SILVER BIRCH NEROS SNOREX.....*		4	22	1-34	29	2.1	9,308	4.53	422	10	32	+95	-.07	-2	+1
08-07-62 535209 2111232 5-71					12		8,936	4.81	430						
565808 BELLE TERRE LUKE.....*		1	12	1-23	12	2.3	9,507	4.82	458	8	24	-168	.00	-8	-11
04-12-63 515432 1971713 5-71					15		10,281	4.86	500						
565821 GIPPY NANCE DANDY.....*		2	17	1-56	21	1.7	11,791	4.55	537	0	27	+6	-.01	-1	-1
01-10-64 533769 1672494 5-71					51		12,008	4.63	556						
565822 PINE GROVE ELECT TRAVELER.....*		5	4	2-52,63	13	1.7	9,772	4.69	458	9	35	-48	-.01	-3	-4
07-20-63 541672 1700063 5-71					52		9,941	4.75	472						
565824 NORGERTS NANCE ARISTOCRAT RAY.*		1	16	1-48	16	1.3	8,637	4.54	392	25	21	-62	+.02	-1	-2
01-25-64 533769 1836929 5-71					12		8,855	4.47	396						
565844 VILLA WAY NANCES SKIPPY.....*		2	8	1-31	10	1.6	8,066	4.65	375	11	22	-310	-.01	-15	-20
12-17-63 533769 1796097 5-71					23		9,442	4.73	447						
565849 WESTLYNN B NAVIGATOR.....*		4	5	3-82,91,	12	1.0	10,974	4.70	516	17	27	-70	.00	-3	-4
11-16-63 496783 1153990 5-71				92	32		11,411	4.72	539						
565850 HOUSATONIC FARMS 8ILLY.....*		1	10	1-16	10	1.4	11,321	4.51	511	30	20	-1	.00	0	0
12-20-63 511244 2066573 5-71					27		11,520	4.51	520						
565851 MISTY MEADOWS F JO JO.....		1	10	1-23	10	1.1	9,819	4.81	472	0	18	+49	-.01	+1	+2
01-29-64 512974 1796230 1-71					16		9,538	4.90	467						
565868 ELMWOOD CARYLS VALOR.....*		4	12	1-42	27	1.7	9,997	4.76	476	17	39	-59	+.01	-2	-3
09-13-63 558738 2082705 5-71					10		10,210	4.77	487						
565871 ELMWOOD JOYCELLAS VALOR.....*		1	23	1-42	23	1.7	11,622	4.76	553	14	25	+272	-.04	+9	+15
10-15-63 558738 1947212 5-71					8		10,618	4.95	526						
565888 MARGENDELL DAPPER DAN.....*		1	12	1-35	12	1.4	8,582	4.29	368	27	20	-27	-.04	-5	-5
10-16-63 543853 1880487 5-71					11		8,620	4.57	394						
565890 CYRUS OF SQUAREWOODS FARM.....*		2	9	2-13,16	11	1.3	8,609	4.41	380	73	21	-205	-.01	-10	-14
12-11-63 496783 1998570 5-71					11		9,567	4.51	431						
565900 VALLEY SET NANCE.....*		2	21	1-32	25	1.3	11,042	4.62	510	**	26	-17	-.01	-2	-2
11-01-63 533769 1762718 5-71					13		11,277	4.71	531						
565913 8AYVILLE DUKE OF FASHION.....*		1	11	1-52	11	1.5	9,923	4.49	446	18	20	-58	-.01	-4	-5
12-20-63 535492 1967880 5-71					18		10,281	4.59	472						
565914 BAYVILLE DUKE OF MARS.....*		5	3	4-23,52,	10	1.3	9,680	4.87	471	0	29	-87	+.04	0	-2
12-25-63 535492 1857606 5-71				58,63	116		10,020	4.74	475						
565916 SHADY LAWN KING.....*		1	13	1-21	13	1.5	10,220	4.32	442	0	21	+108	-.02	+3	+5
09-09-63 533769 1787827 5-71					15		9,723	4.39	427						
565925 MCDONALDS BILLYS GENERAL.....*		3	7	1-21	10	1.4	9,441	4.44	419	13	24	-127	-.07	-13	-14
12-19-63 511244 2017742 5-71					21		10,023	4.79	480						
565928 PRAIRIE 8LOOM B SIGMA.....*		1	16	1-92	16	1.5	10,160	5.11	519	7	23	+9	+.08	+8	+7
11-12-63 496783 1902847 5-71					42		10,172	4.79	487						
565935 YELLOW CREEK MR JACK.....*		1	12	1-32	12	2.0	10,958	5.04	552	9	22	+117	+.03	+8	+10
12-24-63 560067 1480184 5-71					7		10,524	5.00	526						
565936 YELLOW CREEK MR JUPITER.....*		3	8	3-32,34,	11	1.6	11,815	5.54	655	27	25	-140	+.12	+5	+1
01-09-64 560067 1855600 5-71				84	28		12,696	5.16	655						
565939 DULUTH F PRIZE.....	41-01	12	2	1-41	18	1.4	10,375	4.64	481	7	47	+280	-.03	+10	+16
01-19-64 505970 1961016 5-71					13		9,797	4.71	461						
565941 LEAFY LANE NANCES BANKER.....*		4	4	2-31,32	14	1.9	9,011	4.68	422	21	38	-232	+.04	-7	-12
07-01-63 533769 2012370 5-71					7		9,625	4.60	443						
565943 SHAMROCK ROYAL NOBLEMAN.....		2	17	1-41	19	1.6	10,833	4.90	531	0	25	+48	-.01	+1	+2
08-14-63 533769 1928981 5-71					19		10,755	5.00	538						
565956 HILLCREST ETHELS ADAM.....*		3	9	1-21	12	1.1	10,610	4.46	473	45	23	-131	-.02	-8	-10
12-09-63 530291 1882179 5-71					13		11,368	4.57	520						
565963 MULHOCAWAY BFT KING MIDAS.....*		2	17	1-35	34	1.0	11,898	4.97	591	39	34	+66	+.06	+9	+9
09-19-63 541009 1121882 5-71					8		11,931	4.84	578						
565965 MULHOCAWAY 8UTTERFAT DILLON...*		9	17	5-16,21,	32	1.6	11,243	4.84	544	21	36	+300	+.04	+18	+23
11-03-63 475548 1935181 5-71				23,52,56	30		10,501	4.74	498						
565973 ARLADOR VALOR.....		1	17	1-35	17	1.4	11,310	4.49	508	23	22	+269	-.06	+7	+13
01-20-64 555024 2080467 5-71					5		10,158	4.72	479						
565980 WALKER FARMS CURT FOUNAIN.....*		2	5	1-65	10	1.1	11,134	4.58	510	0	24	+62	.00	+3	+4
11-20-63 512334 1744140 9-70					80		11,017	4.57	504						
565992 NORTHERN L FLOWERS PERFECTION.*		1	13	1-31	13	1.5	9,930	5.03	499	30	22	-31	+.01	0	-1
12-01-63 542793 1947343 5-71					10		10,131	5.01	508						
565993 NORTHERN L ANNAS HERMAN.....*		1	13	1-35	13	1.4	9,560	4.67	446	10	21	+43	-.01	+1	+2
10-30-63 542793 1344800 5-71					15		9,323	4.75	443						
566013 MAPLEVALE KING LEAR.....*		3	9	1-23	22	1.6	8,481	4.55	386	35	37	-119	-.04	-9	-11
07-12-63 550919 1341688 5-71					18		8,712	4.68	408						
566017 ELMFORD MR MINNIE.....*		1	11	1-23	11	1.5	8,856	4.99	442	45	20	-121	+.04	-2	-5
11-12-63 525463 2082738 5-71					19		9,446	4.87	460						
566059 HAPPY HOLLOW BONANZA PREMIER..*		1	27	1-47	27	1.4	9,422	4.78	450	25	24	-33	+.04	+2	+1
07-12-63 496783 1916603 5-71					11		9,554	4.64	443						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
566064 WOODACRES GALLANT KING.....*		1	13	1-31	13	1.5	7,874	4.62	364	45	21	-371	-.03	-20	-26
08-14-63 523825 1696988 5-71					14		9,617	4.82	464						
566069 8S DAKRIDGE 8ONANZA.....*		1	27	1-33	27	1.5	9,110	4.61	420	15	25	-102	-.01	-6	-8
04-16-63 496783 1622458 5-71					13		9,520	4.71	448						
566117 MAYFLOWERS DUCHESS FAME.....*		7	13	1-31	23	1.2	10,697	4.90	524	38	31	+296	-.02	+12	+18
03-13-63 512974 1801896 5-71					26		9,755	5.03	491						
566122 CEDAR8ROOK POLLYS NANCE.....*	35-05	5	12	1-31	22	1.4	12,391	4.50	557	5	32	+536	-.06	+19	+30
11-18-63 533769 1762507 5-71					33		10,848	4.66	505						
566160 HDMINY HILL ANTOINE.....*		3	9	2-32,72	21	1.3	11,111	4.74	527	6	35	+131	+.03	+9	+11
04-17-63 422711 1801354 5-71					16		10,857	4.66	506						
566204 WYND FAMES ROSS.....*		2	13	1-23	15	1.5	9,845	4.74	467	43	24	-249	+.03	-9	-14
05-28-63 512974 2013417 5-71					10		11,050	4.68	517						
566205 WYND FAMES JASON.....*		1	11	1-21	11	1.5	12,428	4.27	531	9	20	+407	-.09	+10	+19
02-10-64 512974 2033654 5-71					25		10,513	4.60	484						
566236 NESLEKCIM 8ILLYS MAJESTY.....*		2	27	2-86,93	32	1.4	11,712	4.44	520	3	28	+246	-.02	+9	+14
08-14-63 511244 1890876 5-71					56		10,948	4.49	492						
566254 SUNESLOPES FAME EAGER.....*		1	10	1-42	10	1.3	11,356	4.16	472	25	19	+437	-.09	+11	+20
03-13-63 512974 1878243 5-71					4		9,008	4.55	410						
566300 8IG CREEK HILL FARM M COLONEL.*		1	11	1-56	11	1.8	10,577	4.47	473	18	22	-61	.00	-3	-4
09-09-63 559083 2027339 5-71					30		11,003	4.54	499						
566332 MULHOCAWAY 8UTTERFAT SUNRISE..*	23-11	16	3	7-11,13,	23	1.4	9,824	4.64	456	5	50	-39	-.01	-3	-4
01-22-64 475548 1786244 5-71				21,22,23	32		9,934	4.68	465						
566340 PINE VISTA PEERLESS WARRIOR...*		1	11	1-16	11	1.1	8,665	4.78	414	40	19	-283	+.03	-10	-16
01-02-64 552348 1494095 9-70					39		10,257	4.63	475						
566342 GAYOSO VIEW F NANCE.....		3	23	2-41,46	28	1.6	9,755	4.60	449	19	29	+71	-.11	-7	-4
08-08-63 533769 2050887 5-71					7		9,492	5.06	480						
566348 TERANCO S M VERN.....		2	12	1-33	24	1.6	8,831	4.86	429	17	35	+17	+.03	+4	+4
08-05-62 524993 1649662 5-71					15		8,687	4.77	414						
566364 MCDONALDS GALLANT HERMES.....*		7	4	5-55,56,	19	1.7	9,644	4.77	460	6	45	-289	+.07	-7	-13
01-10-64 544486 1755591 5-71				57,63,74	31		10,364	4.64	481						
566388 ELMWOODS DUANE.....*		2	8	1-34	11	1.6	10,891	4.51	491	9	25	+137	-.02	+4	+7
04-16-63 557331 2122150 5-71					19		10,412	4.60	479						
566422 OTTER MEADDW NANCE.....*		1	15	1-13	15	1.7	10,926	4.53	495	9	23	+228	-.08	+3	+8
12-01-63 533769 1935449 5-71					21		9,956	4.87	485						
566435 LINDEANS PATSY THUNDER.....	93-16	4	10	2-86,93	17	1.2	11,256	4.42	498	29	28	-88	+.06	+2	-1
11-04-63 557598 1125536 5-71					36		11,789	4.19	494						
566437 HOWGLAD FARM V FAME JEWELER...*		4	6	2-23,63	12	1.5	8,187	4.57	374	30	29	-103	-.01	-6	-8
07-04-63 512974 1763157 5-71					31		8,425	4.68	394						
566440 SOUTH VIEW FAMES GORDON.....*		1	21	1-32	21	1.4	10,328	4.61	476	5	23	+133	-.01	+5	+8
12-10-63 512974 2031690 5-71					18		9,761	4.64	453						
566441 LYRENE EMORYS 8EACON.....*		4	8	3-16,31,	13	1.5	11,614	4.93	573	8	27	-187	+.05	-4	-8
11-13-63 460803 1731645 5-71				34	28		12,614	4.82	608						
566443 YELLDW CREEK C SUCCESSOR.....*		2	12	1-32	24	1.5	11,836	5.04	597	0	34	+208	+.01	+11	+15
11-23-63 528424 1896456 5-71					16		11,406	5.06	577						
566446 MAURANA S 8UTTERFAT IKE.....*		1	47	1-84	47	1.5	10,030	5.11	513	15	26	+193	+.10	+19	+21
10-23-63 527868 2001067 5-71					12		9,250	4.74	438						
566452 CLOVER JACK 8ILLYS CISCO.....*		1	10	1-93	10	1.5	12,424	4.45	553	13	20	+67	-.01	+2	+3
10-20-63 511244 1763832 5-71					26		12,363	4.50	556						
566462 SPRUCE SHADOWS V F CARL.....		1	10	1-41	10	1.4	9,496	4.74	450	13	20	-74	-.03	-6	-7
02-29-64 512974 1681111 5-71					12		9,905	4.94	489						
566471 E8ER LEA FARMS FLASH.....*		1	14	1-31	14	1.3	7,719	4.81	371	17	21	-265	+.07	-6	-12
08-28-63 546422 2006838 5-71					13		8,943	4.45	398						
566479 HIDDEN SPRINGS TRU 8ELMONT....*		3	17	2-86,93	24	1.1	10,663	4.57	487	29	27	-100	+.04	-1	-3
03-25-64 556059 1812422 5-71					65		11,193	4.46	499						
566480 8ROADVIEW FARM DEMALION.....*		1	15	1-21	15	1.3	10,911	5.08	554	**	21	+169	+.03	+11	+14
08-19-63 528754 1874118 5-71					55		10,176	5.00	509						
566524 TERANCO C 8ONANZA KNIGHT.....		2	13	1-33	15	1.1	7,759	4.46	346	7	22	-125	-.01	-7	-9
01-14-64 550942 1862937 9-70					7		8,199	4.61	378						
566528 CALDWELL FARM NANCE.....*		1	12	1-61	12	1.2	10,762	4.27	459	13	19	+143	-.07	0	+4
10-31-63 533769 1914886 1-71					11		10,071	4.64	467						
566538 LERSON LAWN V PRINCE.....*		1	10	1-21	10	1.5	9,860	4.76	469	30	20	-178	+.05	-4	-8
02-25-64 513024 1237016 5-71					26		10,882	4.57	497						
566545 FOREMOST HAPPY NEPTUNE.....*		7	2	4-43,48,	11	1.6	9,159	4.62	423	27	36	-221	+.05	-6	-11
07-26-63 533454 1589544 5-71				73,84	32		9,789	4.51	441						
566580 TOMA MICKEYS FLASH.....*		1	13	1-35	13	1.6	11,316	4.24	480	8	22	+105	-.04	+1	+4
01-04-64 557968 1874244 1-71					8		10,964	4.39	481						
566604 GUERNDALES TRISUPER IDEAL.....*		2	5	1-23	10	1.4	8,423	4.70	396	30	26	-326	.00	-15	-21
12-27-63 527534 1768767 5-71					18		9,706	4.73	459						
566609 8RDOK8ERRY JOLLY ARTHUR.....*		1	11	1-56	11	1.1	9,874	4.30	425	22	19	+63	-.03	0	+2
01-17-64 518023 1838915 5-71					25		9,526	4.41	420						
566617 MAPLE RDW FORTUNES 8AU.....*	21-10	19	1	6-11,13,	25	1.4	10,247	4.67	479	20	57	+173	-.02	+6	+9
01-15-64 528754 1735681 5-71				16,21,22	24		9,977	4.71	470						
566628 LYRENE PEGS MAESTRO.....*		3	13	1-34	17	1.5	10,750	5.13	552	38	26	-134	+.09	+2	-2
09-08-63 531527 1735327 5-71					15		11,453	4.85	555						
566653 COASTAL PLAIN LOMEN.....		1	10	1-65	10	1.7	9,310	4.39	409	0	21	-27	+.01	0	-1
08-10-59 487591 1790235 5-71					10		9,425	4.34	409						
566666 ORLDREN PHYLIPS 8OOTS.....*		1	10	1-41	10	2.2	9,440	4.87	460	0	22	-67	+.04	+1	-1
11-06-63 527578 2069503 5-71					5		9,757	4.67	456						
566673 CARYS PIONEER NOBLE CHIEF.....*		1	14	1-34	14	1.6	9,832	4.88	480	43	22	-167	.00	-8	-11
01-23-64 528424 2060705 5-71					27		10,702	4.93	528						
566740 CLEARVIEW FARMS IDAS VERN.....*		1	13	1-11	13	1.5	8,236	4.74	390	17	22	-192	+.05	-4	-8
01-09-64 524993 1726195 5-71					15		9,073	4.51	409						
566744 PINE GROVE DUANE FALLA.....		1	12	1-93	12	1.0	10,971	4.42	485	13	19	+128	-.03	+3	+6
05-02-64 512974 1236133 5-71					55		10,358	4.56	472						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
566745 IOEALS FRANKLIN.....*		1	14	1-23	14	1.7	9,006	4.62	416	36	22	-259	+.01	-11	-16
10-12-63 540197 2081621 5-71					33		10,226	4.61	471						
566781 DENDELS ORCHAROS W EMPORER....*		3	4	1-34	11	1.3	10,455	4.69	490	10	29	-207	-.04	-13	-16
01-17-64 549588 1877464 5-71					17		11,358	4.84	550						
566806 MAXVALES G H MORGAN.....*		2	14	1-91	25	1.4	9,712	4.75	461	4	33	-85	+.01	-3	-5
10-04-63 537299 1861598 5-71					29		10,016	4.76	477						
566809 8UTLER HILL FAMES RO8ERT.....*		2	17	1-56	26	1.7	9,255	4.40	407	15	32	+39	-.05	-3	-1
09-02-63 512974 1866458 5-71					28		9,078	4.59	417						
566822 GREEN ACRES 8ILL.....*		1	25	1-32	25	1.4	8,753	5.05	442	17	24	-22	+.04	+3	+2
03-23-64 528543 2070957 5-71					16		8,765	4.87	427						
566837 CIRCLE DRIVES FLOS NANCE.....*		1	10	1-32	10	1.2	11,555	4.77	551	0	19	+246	-.01	+10	+15
08-29-63 533769 1544973 5-71					5		10,297	4.89	504						
566849 CALFEES MAJESTY.....		1	14	1-63	14	1.9	10,381	4.12	428	14	23	+153	-.09	-2	+2
10-15-62 515718 1729949 5-71					17		9,718	4.55	442						
566861 OAVISS F HORNET.....*		1	30	1-43	30	1.4	10,731	4.50	483	17	24	+185	-.01	+8	+11
01-16-64 545380 1845842 5-71					11		10,002	4.51	451						
566869 ANNS DANNY LAD.....		1	12	1-42	12	1.5	9,732	4.76	463	9	21	-12	+.02	+1	+1
11-28-63 511244 1919927 5-71					12		9,812	4.67	458						
566877 LAKE LOUISE EVAS ENTERPRISE...*		3	5	1-23	10	1.6	9,596	4.92	472	0	26	-170	+.08	0	-4
12-13-63 551914 1829427 5-71					41		10,310	4.65	479						
566901 8REEZE AWAY J V 8UOOY.....*		1	11	1-31	11	1.3	9,894	5.02	497	40	20	-29	+.07	+5	+3
11-25-63 530291 2047238 5-71					18		10,094	4.72	476						
566912 M & R ACRES PAULSON SKYLINER..*		1	17	1-43	17	2.1	9,425	4.21	397	18	25	+84	-.05	-1	+1
10-31-63 533774 2134244 5-71					20		9,027	4.43	400						
566915 PRESTOALE FAMES CATO.....		1	18	1-35	18	1.2	9,193	4.71	433	19	21	+149	.00	+7	+10
01-16-64 556546 2022568 5-71					26		8,365	4.73	396						
566927 HOUSLEYS J 8O8O.....*		2	7	2-63,65	10	1.6	8,448	4.56	385	25	24	-251	+.02	-10	-15
10-17-62 540627 2001383 5-71					43		9,479	4.50	427						
566928 HOUSLEYS J 8EAU.....*	52-01	23	4	4-51,52,	60	1.4	9,450	4.65	439	22	69	-134	-.07	-13	-14
07-11-63 540627 1638903 5-71				57,72	28		9,647	4.78	461						
566929 HOUSLEYS 8 8ONUS.....*		3	8	3-55,56,	18	1.6	9,783	4.53	443	17	33	+16	-.01	0	0
08-17-62 553977 1645480 5-71				58	31		9,747	4.53	442						
566935 SOFT GOLD HEROS CHERIOT.....*		4	4	2-71,73	10	1.6	10,571	4.54	480	33	29	+47	.00	+2	+3
10-18-63 539419 2132213 5-71					24		10,495	4.54	476						
566944 GRAIN MEADOW D FORTUNE.....*		4	42	2-86,93	60	1.2	11,775	4.33	510	9	31	+263	-.06	+6	+12
02-09-64 557391 1908462 5-71					54		11,059	4.48	495						
566946 WOOOACRES MERRY CHIEF.....*	61-02	38	3	9-21,31,	69	1.4	9,635	4.73	456	15	75	-52	+.04	+1	-1
09-25-63 425345 1805826 5-71				33,74,93	15		9,714	4.68	455						
566947 WOOOACRES MOS TRANSFER.....*		1	10	1-56	10	1.1	8,023	4.41	354	70	18	-227	+.04	-7	-12
10-11-63 425345 1962976 5-71					46		9,238	4.23	391						
566949 WOOOACRES EMPORERS FLASH.....		3	7	1-32	19	1.3	11,020	4.46	492	18	36	+285	-.02	+11	+17
11-27-63 549588 1874672 5-71					51		10,281	4.51	464						
566961 ELMWOOD FAYELLAS VALOR.....*		1	12	1-42	12	1.3	8,420	4.79	403	45	20	+11	+.03	+3	+3
01-12-64 558738 1844782 5-71					10		8,223	4.63	381						
566965 ELMWOOO OIANTHAS VALOR.....*		1	11	1-35	11	1.4	8,311	4.75	395	0	20	-168	+.05	-3	-7
03-20-64 558738 1771604 5-71					7		9,107	4.51	411						
566966 ELMWOOD 8EAS VALOR.....		2	10	1-42	12	1.4	9,151	4.71	431	33	22	-320	+.03	-12	-18
05-13-64 558738 2082706 5-71					8		10,696	4.60	492						
566978 LONE ACRES W TIM.....*		4	5	2-33,35	12	1.8	10,644	4.71	501	8	32	+157	+.04	+11	+13
02-03-64 530118 2069868 5-71					14		10,205	4.58	467						
567029 IOEALS DUCAT.....		1	18	1-42	18	1.2	9,135	4.76	435	44	21	-91	+.01	-3	-5
11-10-63 527534 1871529 5-71					8		9,561	4.74	453						
567030 IDEALS HERO.....*		4	8	4-22,52,	15	1.3	10,159	5.02	510	13	29	+11	+.06	+6	+5
11-14-63 425345 2007594 5-71				56,58	85		10,176	4.83	492						
567036 WOOORUFF FARM L COMRAO.....*		1	14	1-42	14	1.9	7,621	4.78	364	15	24	-205	+.02	-8	-12
10-08-63 558134 1837722 5-71					7		8,371	4.77	399						
567040 VALLEYLAND NERO.....*		3	15	1-42	20	1.6	8,941	4.83	432	11	28	+49	+.04	+6	+6
02-27-64 541009 1653658 5-71					8		8,671	4.67	405						
567041 VALLEYLAND HALLMARK.....*	35-05	39	2	5-32,33,	58	1.2	9,314	4.68	436	26	73	-506	+.03	-21	-31
03-04-64 541009 1972419 5-71				35,41,42	14		10,051	4.67	469						
567048 LOCUST GROVE SAOIES 8ONANZA...*		2	8	1-11	10	1.5	9,805	4.75	466	11	22	-6	.00	0	0
02-20-64 496783 1711813 5-71					10		9,861	4.75	468						
567054 NORGERTS NANCE 8EA OUKE.....*	35-05	49	3	5-33,35,	89	1.1	10,497	4.72	495	14	79	+250	-.02	+10	+15
04-14-64 533769 1768552 5-71				41,42,92	16		10,243	4.74	486						
567111 SHAMROCK ROYAL EMINENT.....*		3	5	1-42	11	1.1	9,627	4.57	440	0	27	-75	-.07	-10	-10
02-13-64 533769 2131947 5-71					12		9,940	4.88	485						
567116 GREEN PASTURES 8 LINCOLN.....*		3	7	3-21,82,	10	1.0	10,722	4.51	484	30	22	-107	+.02	-3	-5
04-16-64 511244 2140948 5-71				91	28		11,400	4.45	507						
567118 WILLIAMSONS FARM 8ECKYS HERO..*		1	14	1-42	14	1.7	9,653	4.55	439	0	23	+140	-.03	+4	+7
12-09-63 533769 1656558 5-71					7		8,962	4.66	418						
567123 LISETER WINNING 8EACON.....*		2	8	1-23	10	1.1	9,683	4.47	433	30	20	-188	-.05	-13	-16
08-16-63 529978 1684653 5-71					25		10,738	4.74	509						
567152 WOOOSIOE HALL HERMES.....*		2	32	1-51	34	1.4	8,154	4.93	402	27	25	-143	+.01	-6	-9
07-17-63 554212 2069268 1-71					23		8,618	4.97	428						
567154 CEOAR CREST 8ON PRINCE.....*		2	10	1-42	12	1.5	10,263	5.17	531	8	23	-3	+.08	+8	+7
10-31-63 496783 1892808 5-71					15		10,351	4.85	502						
567155 SUNESLOPES E E DORSON.....*		3	5	1-41	11	1.5	10,111	4.87	492	20	28	+39	+.07	+9	+8
01-15-64 524393 1627007 5-71					7		10,008	4.60	460						
567169 WING ACRES 8ON MODEL.....		1	18	1-42	18	1.5	9,638	4.71	454	6	23	-55	.00	-3	-4
11-24-63 496783 1571230 5-71					11		9,908	4.80	476						
567183 SPRINGVALE NANCE LANCER.....*		1	14	1-33	14	1.3	10,456	4.77	499	0	21	+67	-.04	-1	+1
06-07-64 533769 1597983 5-71					35		10,192	5.05	515						
567189 U OF D JOLLY 8ELLRINGER.....*		3	6	2-23,50	11	1.5	10,878	4.79	521	9	26	+71	+.02	+5	+6
05-14-64 524993 1550300 5-71					30		10,717	4.74	508						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
567200 ATTEBROC BONANZAS ROYALMOST...*		12	2	5-16,21,	18	1.0	10,500	4.70	494	28	44	-76	-.02	-5	-6
02-06-64 496783 1762729 5-71				35,41,42	17		10,793	4.76	514						
567203 FOREMOST HAPPY MIXTER.....*		6	5	4-43,48,	13	1.5	9,614	4.76	458	8	31	-182	+.07	-2	-6
02-01-64 533454 1638718 5-71				73,84	53		10,259	4.58	470						
567249 BAYVILLE O DANDY.....*	61-02	5	6	3-51,52,	17	1.3	9,942	4.63	460	24	36	-133	-.04	-10	-12
03-03-64 530908 1533430 1-71				63	85		10,390	4.78	497						
567260 DEL EDEN HIT PARADE.....*	35-05	21	2	3-35,41,	32	1.9	9,981	4.73	472	10	63	+250	+.02	+14	+18
03-08-63 492616 010098342 5-71				42	15		9,581	4.70	450						
567265 ONAHILL MR ROYALIST.....*		1	23	1-22	23	1.3	11,557	4.95	572	26	23	+103	+.05	+10	+11
03-01-64 525463 1920141 5-71					24		11,270	4.76	537						
567276 RICHTON APACHE.....*		2	9	1-11	12	1.2	7,686	4.33	333	44	23	-108	.00	-5	-7
02-28-64 542794 2027527 1-71					17		7,996	4.38	350						
567298 GOLDEN HARVEST LEV CAROLER....*		2	19	2-15,16	21	1.2	11,347	4.64	526	38	23	+75	+.03	+6	+7
12-14-63 560634 1617575 1-71					24		11,181	4.51	504						
567302 BEALFORT ROYAL CROWN.....*		4	5	1-51	10	1.3	9,279	4.72	438	20	25	-380	+.02	-16	-23
01-28-64 533769 2080404 1-71					14		10,915	4.69	512						
567333 PRICE BLACK KUBILEES BRUCE....		2	60	2-71,85	62	1.4	12,266	4.08	500	4	27	+234	-.03	+8	+13
02-21-64 550866 2033620 5-71					566		11,577	4.09	474						
567336 SANDE HILL DOUBLE EMORY.....*	61-02	4	7	3-32,34,	12	1.3	16,402	4.46	732	0	25	+776	-.11	+25	+41
08-10-63 533769 1910972 5-71				61	18		13,758	4.75	654						
567341 COLBYS SAMPSON.....*		2	10	1-34	12	1.5	11,007	4.93	543	25	23	-213	+.08	-2	-7
02-10-64 516703 1666248 5-71					23		12,195	4.64	566						
567355 LEAFY LANE LOYAL STATESMAN....*		1	10	1-31	10	1.1	10,502	4.79	503	13	18	-115	+.06	0	-3
03-25-64 560013 2015606 5-71					11		11,304	4.49	508						
567357 STURGIS FARM BON VIC.....*		1	20	1-55	20	1.7	12,518	4.31	539	5	24	+351	-.09	+7	+15
10-16-63 550942 1688525 5-71					28		11,215	4.59	515						
567383 AUGUSTO NANCE BELLBOY.....*		2	6	1-52	11	1.0	10,517	4.54	477	55	24	-81	-.04	-8	-9
11-03-63 533769 2045851 9-70					38		10,990	4.76	523						
567404 PENN WILL NANCE QUINCY.....*		2	10	1-32	12	1.5	10,508	4.57	480	25	23	+31	-.03	-1	0
12-25-63 533769 1869055 5-71					20		10,455	4.71	492						
567405 WINACRES VERIBEST.....*		4	3	1-91	10	1.2	10,688	4.83	516	50	28	-248	+.07	-5	-11
12-07-63 533769 1965141 1-71					22		11,788	4.65	548						
567417 QUAIL ROOST BUTTERFAT MAXIMUS.*		2	16	2-55,61	18	1.4	9,665	4.78	462	22	24	-96	-.01	-5	-7
12-11-63 529773 1666460 5-71					68		10,116	4.84	490						
567429 OLD STAGE V FAMES VICENT.....*		2	11	1-93	13	1.1	10,979	4.56	501	25	21	+80	+.01	+5	+6
07-02-63 512974 1679005 5-71					33		10,710	4.50	482						
567438 BRANOON NANCES REBEL.....*		1	19	1-52	19	1.3	10,376	4.54	471	13	22	+153	-.02	+5	+8
04-17-64 533769 1695183 5-71					45		9,696	4.64	450						
567441 MANOR BUTTERFAT PHIL.....*		3	30	1-51	39	1.4	10,098	5.01	506	8	29	+249	+.02	+14	+18
12-29-63 475595 1858580 5-71					72		9,210	5.01	461						
567449 PINE VISTA ACTORS PEERLESS....*		1	11	1-16	11	1.5	9,651	5.03	485	9	20	-54	+.04	+1	-1
05-01-64 552348 1654517 1-71					49		9,955	4.88	486						
567460 LAUXMONT PROSPERO.....*		1	18	1-23	18	1.3	9,975	4.69	468	22	22	-76	-.04	-7	-8
06-19-64 556781 1706673 5-71					41		10,404	4.89	509						
567475 BELMONT VIEW HERO ROYAL.....*		4	11	3-55,56,	16	1.2	10,775	4.45	480	20	26	+140	-.03	+4	+7
04-04-64 539419 1930428 5-71				57	30		10,302	4.51	465						
567481 EDISTO FARMS BLZ FORTUNE.....*		2	11	1-56	14	1.7	9,908	4.67	463	23	26	-148	+.05	-2	-6
01-03-64 543210 1966943 5-71					26		10,567	4.50	476						
567487 GARNAVILLO GREG.....		1	16	1-42	16	1.4	11,995	4.78	573	0	22	+158	-.05	+2	+6
03-24-64 558183 1793556 5-71					11		11,468	5.04	578						
567495 OUMAR FARM VERNS LEADER.....*	23-09	7	9	1-23	23	1.5	10,195	4.92	502	13	38	+121	+.03	+9	+11
11-16-63 524993 1696723 5-71					14		9,902	4.87	482						
567508 ROLINDA GLORY KALO KING.....		2	18	1-93	20	1.2	8,046	4.42	356	47	23	-193	-.02	-11	-14
02-04-64 543581 1735900 5-71					15		8,800	4.58	403						
567518 GRAIN MEADOW D KING.....*		2	12	1-48	14	1.2	9,891	4.49	444	9	22	+63	-.02	+1	+2
04-09-64 557391 1931832 5-71					22		9,604	4.55	437						
567550 MEO O BLOOM SUPREME PEER.....*		1	17	1-34	17	1.7	12,916	4.86	628	19	23	+358	+.04	+21	+27
04-21-64 475595 1717525 5-71					39		11,574	4.73	547						
567555 OINSMORE SUPER HESSIAN.....*		2	7	1-58	10	1.0	7,602	4.33	329	**	21	-62	.00	-3	-4
01-22-64 526073 1755010 5-71					153		7,709	4.35	335						
567560 NORGERTS NANCE ARISTOCRAT.....*		1	18	1-54	18	1.3	9,796	4.75	465	18	22	+13	-.01	0	0
10-14-63 533769 1838298 5-71					12		9,746	4.81	469						
567567 NORMANOY TIMBO.....*		1	12	1-32	12	1.4	9,068	4.60	417	17	21	-76	+.02	-2	-4
02-11-64 559695 1671559 5-71					14		9,420	4.55	429						
567571 DWIGHT OF SQUAREWOODS FARM....*	21-10	10	1	3-11,21,	11	1.4	10,294	4.64	478	0	38	+29	+.02	+3	+3
05-11-64 496783 1846274 5-71				23	13		10,282	4.61	474						
567590 HAMHURST FARMS MILKMAN.....*		2	36	1-52	40	1.7	10,787	4.71	508	13	28	-173	+.08	0	-4
09-30-62 549235 1719759 5-71					15		11,616	4.46	518						
567591 HAMHURST FARMS MARKMAN.....*		3	12	1-52	20	1.8	9,383	4.79	449	13	32	-194	-.01	-10	-13
03-23-63 549235 1324273 5-71					22		10,029	4.85	486						
567608 OAK GROVE BOZO.....*		2	19	1-41	21	1.3	8,851	4.51	399	45	24	-149	.00	-7	-10
11-19-63 496783 2092403 5-71					12		9,460	4.58	433						
567612 U OF M M STEWART.....*		1	10	1-41	10	1.8	8,670	4.58	397	40	21	-38	+.01	-1	-2
11-21-63 529842 2018463 5-71					21		8,772	4.61	404						
567636 BROWNIES FARMS OPAL DAIRYMAN..*		1	11	1-35	11	1.4	10,452	5.33	557	18	20	+155	+.03	+10	+12
05-24-64 496783 1828972 1-71					22		9,679	5.32	515						
567641 MAPLE ROW PRINCE.....*		1	10	1-11	10	1.9	10,025	4.42	443	20	21	-152	-.04	-11	-13
01-01-64 533769 1828272 5-71					13		10,874	4.67	508						
567659 CORPORAL OF CLAYLAND FARM.....		1	12	1-35	12	1.3	8,214	4.93	405	20	20	-468	+.08	-14	-24
12-10-63 524759 1711085 5-71					11		10,638	4.53	482						
567690 RICHADORA NANCE VAL.....*		6	6	4-32,42,	19	1.5	11,194	4.28	479	11	38	+211	-.15	-5	+1
12-15-63 533769 2019567 5-71				43,63	21		10,754	4.64	499						
567693 MESABA K L COLONEL.....*		2	12	1-47	14	1.6	10,393	5.13	533	23	24	+9	+.07	+7	+6
10-21-63 503449 1862192 5-71					16		10,436	4.91	512						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	% REPT	PREDICTED DIFFERENCES MILK	%	FAT	$$
567695 WIEGERSMA DANNY 8OY COURAGEOUS		1	22	1-34	22	2.8	9,020	4.37	394	0	28	-30	-.07	-8	-7
07-15-60 552603 1824815 5-71					6		9,076	4.65	422						
567710 EDGEWOOD NANCE WICKER.....*		1	11	1-64	11	1.3	10,191	4.15	423	18	20	-31	-.04	-5	-5
05-05-64 533769 1698554 5-71					11		10,433	4.36	455						
567736 GREEN FIELDS 8 PRINCE.....*		8	4	5-23,55,	17	2.1	10,459	4.35	455	21	43	+254	-.12	0	+7
09-29-62 511244 1850308 5-71				56,57,58	28		9,900	4.62	457						
567748 MEADOW VIEW A I GRUM8D.....*		2	15	2-41,42	17	1.4	9,315	4.93	459	20	24	-187	.00	-9	-12
01-29-64 533470 2057917 5-71					12		10,158	4.97	505						
567749 LINDEANS TINA FAVDR.....*	91-13	28	2	6-35,41,	41	1.1	10,450	4.53	473	40	65	-105	-.11	-15	-15
06-19-64 533769 1760815 5-71				82,91,92	20		10,722	4.70	504						
567802 GRAY HAVEN STARS COURAGEOUS...*		2	14	1-31	16	1.3	9,477	4.52	428	19	23	-233	+.02	-9	-14
11-26-63 556020 1870762 5-71					16		10,590	4.46	472						
567807 GUERNGOLD FAMOUS.....*		4	6	1-42	15	1.6	10,678	4.91	524	13	33	+176	+.02	+10	+13
04-08-64 512974 2009416 5-71					9		10,206	4.90	500						
567819 VILLA CREST L FANCIER.....*		3	5	1-32	10	1.5	10,039	5.09	511	0	26	-67	+.12	+8	+5
03-16-64 560029 1956487 5-71					6		10,373	4.67	484						
567835 CLEAR8RANCH NANCE NEPTUNE.....*		7	13	4-55,56,	36	1.1	11,307	4.49	508	9	41	+188	-.05	+4	+8
08-22-64 533769 1970324 5-71				57,58	109		10,978	4.60	505						
567842 LYRENE MAESTROS MAJESTY.....*		4	4	2-14,16	11	1.6	12,042	5.20	626	0	31	-29	+.13	+11	+8
01-01-64 531527 1762510 5-71					16		12,419	4.88	606						
567846 LYRENE ROYAL NANCE.....*		5	5	3-23,31,	12	1.7	12,725	4.85	617	27	32	+282	-.01	+12	+17
03-12-64 533769 1939917 5-71				34	21		12,091	4.91	594						
567847 LYRENE NELLIES NANCE.....*	61-02	10	6	2-22,34	26	1.3	9,783	4.70	460	20	45	-114	-.02	-7	-9
07-05-64 533769 1794909 5-71					18		10,082	4.76	480						
567855 GRAIN MEADDW D REX.....*		1	10	1-32	10	1.0	8,609	4.48	386	50	18	-96	.00	-4	-6
01-10-64 557391 1994895 1-71					19		9,103	4.50	410						
567860 MCDONALD FARMS 8 HONOUR.....*	21-10	24	1	6-12,13,	24	1.1	10,523	4.45	468	13	55	+12	-.11	-10	-8
05-07-64 511244 2066687 5-71				14,16,21	20		10,597	4.65	493						
567862 KLONDIKE NANCES ZORO.....*		3	9	2-52,55	13	1.2	10,108	4.56	461	0	24	+271	-.04	+9	+15
03-16-64 533769 1924130 5-71					28		8,895	4.72	420						
567885 QUAIL ROOST EM TRAVELER.....*		1	10	1-55	10	1.3	11,665	4.71	550	10	19	+254	-.02	+10	+15
06-23-64 541674 2111387 5-71					76		10,416	4.83	503						
567902 HOLLANDS SIR.....*		1	15	1-35	15	1.7	9,762	4.30	420	0	23	+212	-.06	+4	+9
10-06-63 533769 1919563 5-71					9		8,750	4.54	397						
567907 ROSEWOOO AM DESIGN.....*		4	16	2-33,56	27	1.0	10,495	4.58	481	46	30	-19	+.02	+1	0
02-16-64 556765 2005016 5-71					75		10,663	4.51	481						
567928 FREDELLA LADS 8ARRY.....*		3	9	1-41	12	1.1	9,014	5.16	465	**	23	-296	+.12	-3	-10
04-06-64 556819 1907398 5-71					10		10,405	4.68	487						
567934 WALMAN T LADS DUKE.....*		1	14	1-91	14	1.8	11,182	4.41	493	0	23	+8	.00	0	0
03-02-64 535338 1759079 5-71					12		11,316	4.39	497						
567941 GORDONDALE HIS MAJESTY.....*		2	9	1-35	11	1.3	9,212	5.09	469	**	21	-394	+.06	-13	-21
03-22-64 519235 1490571 5-71					13		11,214	4.84	543						
567961 SPRINGDALE VIDAS VICTOR.....*		1	10	1-34	10	1.3	11,479	4.89	561	22	19	-284	+.06	-8	-14
11-12-63 533769 2013198 5-71					16		13,340	4.69	625						
567965 PLAINSCOPE SONNY.....*		1	20	1-34	20	1.8	9,651	4.94	477	28	24	-179	+.01	-7	-10
02-09-63 528424 1922632 5-71					9		10,482	4.92	516						
568009 MULHOCAWAY 8UTTERFAT MUSKETEER*		2	6	1-41	10	1.3	7,948	4.49	357	40	24	-375	-.03	-20	-26
09-09-64 493764 1585702 5-71					18		9,479	4.65	441						
568012 ROSENOAHL JOLLY ANCHOR.....*		2	11	2-15,21	13	1.3	11,555	4.76	550	17	22	+168	-.03	+5	+9
08-24-64 524993 1995306 5-71					30		10,934	4.90	536						
568017 RAEMELTON JOLLY CE VERN.....*		16	4	6-16,21,	40	1.4	11,320	4.65	526	15	60	+41	-.07	-5	-3
06-26-64 524993 1858585 5-71				23,31,63	19		11,432	4.77	545						
568019 DEWAN FARMS VALIANT FINANCIER.*		1	13	1-21	13	1.0	8,131	4.46	363	20	19	-54	+.02	-1	-2
11-04-64 530291 2087939 5-71					19		8,285	4.38	363						
568034 WDDDACRES KINGS MAGICIAN.....*		4	7	1-35	13	1.3	8,607	4.97	428	18	28	-316	+.10	-5	-12
04-28-64 523825 1840356 5-71					12		9,745	4.63	451						
568036 LDCUST HILL LINDSAY.....*		3	5	1-31	12	1.1	10,113	4.47	452	0	28	+111	-.03	+2	+5
07-30-64 533769 1494399 5-71					15		9,723	4.59	446						
568048 MAPLE OAWN NANCES WARREN.....		1	12	1-34	12	1.1	9,517	4.59	437	33	19	+53	-.03	0	+1
07-10-64 533769 1987800 5-71					24		9,193	4.76	438						
568051 LAUXMONT OLYMPIAN.....*		3	4	1-23	12	1.3	9,930	4.98	495	18	32	+217	+.10	+20	+22
10-03-64 529641 1950136 5-71					20		9,200	4.66	429						
568052 LAUXMONT MARATHON.....*		5	7	3-23,55,	15	1.1	11,465	4.51	517	27	29	+105	+.03	+8	+9
10-31-64 511244 2113514 5-71				85	25		11,269	4.37	493						
568055 CADENCE CREEK C CAPTAIN.....*		6	2	1-32	10	1.2	11,783	4.77	562	11	31	+332	-.04	+11	+18
03-04-64 528424 1717280 5-71					8		10,837	4.95	536						
568088 ACES 8O 8O OF DOLLY RUN.....*		3	8	1-23	14	1.1	9,521	4.62	440	64	26	-260	+.01	-11	-16
03-05-64 432882 1697103 1-71					14		10,610	4.63	491						
568093 WEE MANOR EVANG PRINCE.....*		4	6	2-31,32	11	1.9	11,061	4.55	503	0	29	-79	-.01	-5	-6
07-07-63 558062 1942149 5-71					18		11,531	4.62	533						
568095 CHAPPELL 8UTTERFAT PETER.....*		2	7	1-56	10	1.0	9,186	4.59	422	13	21	-178	+.05	-4	-8
07-23-64 560156 2157466 5-71					37		10,074	4.40	443						
568098 ELMWOOO JULIETS VALOR.....*		2	17	1-42	19	1.5	9,493	4.57	434	0	25	-29	-.06	-7	-7
06-09-64 558738 1935232 5-71					11		9,610	4.86	467						
568099 ELMWOOD HARRIETTAS VALOR.....*		4	8	1-42	14	1.1	10,644	4.58	488	7	27	+92	.00	+4	+6
07-22-64 558738 1947215 5-71					10		10,376	4.61	478						
568133 RAEMELTON MYSAM8O.....*		1	11	1-31	11	1.8	9,978	5.28	527	0	22	-1	+.05	+5	+4
07-02-63 531527 1483094 5-71					13		10,029	5.08	509						
568151 YELLOW CREEK 8UTTERFAT JAMES..*		1	22	1-35	22	1.3	9,766	4.54	443	20	23	-81	+.03	-1	-3
12-31-63 555129 2128057 1-71					19		10,178	4.44	452						
568156 8AY MEADOW HANKS DANDY.....		1	20	1-93	20	1.0	9,413	4.56	429	30	21	-85	.00	-4	-6
02-25-64 554773 1767018 5-71					48		9,848	4.62	455						
568169 FEURA MURIEL LEADER.....*	23-13	14	3	5-23,51,	27	1.1	9,908	4.71	467	16	51	+165	+.01	+9	+12
07-26-64 543818 1940621 5-71				52,54,72	69		9,581	4.69	449						

REGISTRATION NUMBER NAME DF BULL	STUD CODE	NUMBER DF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... OAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
568199 POPPY TRISUPER DENNIS.....		1	11	1-33	11	1.2	8,108	4.77	387	9	19	-39	+.04	+2	+1
10-07-64 527534 1778013 5-71					6		8,170	4.48	366						
568204 IDEALS DUDLEY.....*		1	13	1-43	13	1.2	9,757	4.39	428	38	20	-69	.00	-3	-4
05-18-64 540197 1474066 5-71					25		10,161	4.39	446						
568209 CSTERLEA FARMS ODETTAS VERN...*		1	10	1-31	10	2.2	10,497	4.45	467	13	22	+4	.00	0	0
09-04-63 524993 1960550 5-71					18		10,574	4.50	476						
568244 FRANCHESTER 8 8FT CECIL.....*	31-02	3	7	1-31	12	1.3	9,148	5.14	470	9	26	-130	+.10	+3	-1
04-28-64 493764 1851126 5-71					49		9,658	4.76	460						
568252 COLOSPRINGS FAMES PATRICK.....*		4	6	1-23	11	1.9	10,472	4.74	496	0	29	+180	.00	+8	+11
12-28-63 512974 1728775 5-71					15		9,870	4.76	470						
568265 WDDOACRES KING PHARDAH.....*		3	8	1-31	17	1.4	10,729	4.52	485	8	33	+339	-.08	+8	+15
05-06-64 523825 1918508 5-71					12		9,700	4.77	463						
568269 WDDOACRES JDLLY DUKE.....*	35-05	24	3	7-33,35,	46	1.2	9,945	4.87	484	20	66	-284	+.12	-2	-9
06-27-64 530291 1920224 5-71				41,56,57	33		10,461	4.72	494						
568278 LAUXMDNT SUZERAIN.....*		1	20	1-22	20	1.2	9,844	4.87	479	11	22	+133	+.01	+7	+9
12-02-64 551915 2035521 5-71					80		9,185	4.87	447						
568321 AODHR DORMAN JASDN.....*		1	19	1-93	19	1.0	9,535	4.65	443	11	21	-282	+.03	-10	-16
04-22-64 534519 1922043 5-71					195		11,049	4.55	503						
568324 LEADERS D ART.....*		1	16	1-23	16	1.4	10,677	4.50	480	13	22	+73	-.03	0	+2
04-19-64 524656 2011071 5-71					32		10,424	4.63	483						
568335 HILLTOP FARMS J V FREDDIE.....*		2	7	1-33	10	1.3	9,278	4.77	443	20	23	+14	+.05	+5	+5
10-01-64 524993 2018767 5-71					20		9,171	4.58	420						
568345 CEDAR8RDDK POLLYS EMORY.....*	21-10	52	4	9-14,16,	108	1.2	10,993	4.55	500	11	80	+344	-.06	+10	+17
11-27-64 533769 1762507 5-71				21,23,57	31		10,665	4.61	492						
568384 MAURANA S 8UTTERFAT GRANGER...*		2	12	1-61	14	1.4	11,472	4.55	522	14	23	+20	-.01	0	+1
08-19-64 527868 2076811 5-71					22		11,579	4.57	529						
568405 DUN ROAMIN ATLAS.....		2	13	1-52	18	1.5	10,589	4.77	505	6	28	+16	-.02	-1	0
09-30-63 511244 1730114 5-71					23		10,630	4.90	521						
568498 DUN ROAMIN K JUPITER.....		3	6	1-52	14	2.6	9,717	4.67	454	9	35	+109	-.01	+4	+6
04-12-60 529480 1713907 5-71					19		9,381	4.71	442						
568535 WILLDW WILDES 8ON SPARTAN.....*		1	12	1-63	12	1.3	9,475	4.34	411	17	20	-195	+.01	-8	-12
07-12-64 550942 1761329 5-71					20		10,536	4.36	459						
568538 WASSONS IODINES NUGGET.....*		5	25	2-72,73	32	1.2	11,090	4.52	501	10	28	+317	.00	+15	+21
10-12-64 556165 1792491 5-71					94		9,980	4.48	447						
568541 MAY RICH Q PREMIER.....*		1	14	1-21	14	1.3	10,089	4.87	491	36	21	+61	+.03	+6	+7
12-25-64 488786 2053138 5-71					15		9,816	4.73	464						
568547 ELRASON T MAGIC.....*		2	18	1-92	20	2.1	10,013	4.78	479	13	27	-36	+.05	+3	+2
11-12-62 546243 1956540 5-71					30		10,209	4.59	469						
568555 MARFRED LIDAS HERO.....*		2	12	1-56	14	1.4	11,081	4.26	472	14	23	+71	-.08	-4	-1
02-10-64 539419 1728957 5-71					21		10,902	4.58	499						
568576 PINE GROVE JOLLY 8RILLIANT....*		8	2	4-23,52,	12	1.2	10,600	4.60	488	9	35	+6	-.01	-1	-1
08-11-64 540033 2129666 5-71				57,58	43		10,689	4.66	498						
568582 SHAMROCK J V VALOR.....*		1	15	1-86	15	1.2	13,945	4.35	607	13	21	+75	+.05	+8	+9
08-06-64 530291 2019030 5-71					119		14,022	4.15	582						
568584 RED GATE FARM OTTIE.....*		3	13	1-33	22	1.0	10,766	4.71	507	9	29	+478	-.02	+20	+29
01-10-64 512974 2054908 5-71					9		9,034	4.84	437						
568594 MAROOORE NANCE.....*		1	12	1-31	12	1.7	9,152	4.38	401	0	22	+2	-.03	-3	-2
07-25-64 533769 1882290 5-71					16		9,086	4.56	414						
568600 ELMWOOD 8UNNYS COLONEL.....*		1	21	1-35	21	1.2	8,783	4.46	392	15	22	-110	-.01	-6	-8
11-26-64 558738 1687067 5-71					12		9,249	4.57	423						
568635 GROES8ECKS FARM MAXTOP.....*		1	13	1-42	13	1.2	11,257	4.63	521	33	20	+126	.00	+6	+8
03-30-63 549235 1563820 5-71					10		10,743	4.64	498						
568659 PINE VISTA REX.....*	72-01	25	4	7-43,51,	57	1.0	10,233	4.55	466	14	66	-53	-.05	-7	-7
01-23-65 549235 1965686 5-71				63,65,72	66		10,390	4.64	482						
568698 GDLDEN OEW NANCES ED.....		2	9	1-35	11	1.1	9,228	4.74	437	10	21	-62	-.01	-4	-5
08-31-64 533769 2050887 5-71					19		9,524	4.85	462						
568720 NORREN NANCES LAD.....*		1	13	1-23	13	1.0	11,925	4.69	559	8	19	+184	+.03	+11	+14
12-16-64 533769 1558263 5-71					29		11,104	4.55	505						
568723 HIGH MEADOWS CONQUEROR.....*	31-02	98	3	22-23,31,	177	1.0	10,273	4.58	471	16	88	+26	-.05	-4	-3
07-25-64 533769 1431732 5-71				43,55,56	24		10,311	4.66	480						
568730 SUNESLOPE DDMINANT ELNATHAN...*		1	24	1-48	24	1.5	8,807	5.22	460	9	24	+137	+.04	+10	+12
09-05-63 557036 2118776 5-71					15		8,074	5.14	415						
568737 CLEVERLANDS NANCE 8DY.....*		1	11	1-93	11	1.3	12,814	4.21	540	22	20	-73	+.01	-2	-4
03-20-64 533769 1561120 5-71					110		13,587	4.16	565						
568755 KIM8ERTON SP GEMS KING.....*		1	22	1-23	22	1.4	9,344	4.72	441	20	23	-34	-.01	-3	-3
05-15-64 551464 1769769 5-71					28		9,480	4.83	458						
568764 DIVERSIFIED 8USTER.....*		3	10	3-81,82,	14	1.5	12,795	4.25	544	7	25	+337	-.07	+9	+16
12-29-63 533769 2017799 5-71				86	53		11,667	4.43	517						
568789 MERIT PREM AGNICK.....*		2	8	2-16,57	10	1.3	11,651	4.63	540	0	21	+14	-.01	0	0
04-20-64 542343 2017410 5-71					17		11,802	4.64	548						
568803 VILLA CREST F MAXIM.....		1	13	1-32	13	1.0	10,984	4.71	517	33	19	+57	-.02	+1	+2
08-18-64 560029 1952970 5-71					4		10,801	4.80	518						
568809 EDISTO FARMS S 8RIAN.....*		8	3	3-55,56,	15	1.1	10,632	4.39	467	8	37	+205	-.09	+1	+6
07-29-64 556020 1967621 5-71				63	34		10,134	4.61	467						
568819 GAYVIL PHAREKAS MARTIAN.....*		2	10	1-14	17	1.4	9,161	4.62	423	6	29	-261	+.03	-9	-14
10-10-64 505970 1973949 5-71					24		10,099	4.55	459						
568823 GRAND VIEW 8 PEERLESS.....*		2	8	1-55	10	1.4	11,514	4.28	493	10	22	+235	-.07	+4	+9
01-30-64 511244 1717052 5-71					34		10,510	4.54	477						
568832 ROETTA DARI ROGER.....*	35-05	36	2	9-32,35,	62	1.0	10,774	4.82	519	23	72	-191	+.08	-1	-6
11-03-64 546331 2169066 5-71				42,91,92	18		11,197	4.73	530						
568836 CLEVERLANDS CHAMPION.....*		1	12	1-93	12	1.3	16,236	4.02	653	9	20	+674	-.09	+22	+36
04-15-64 422711 1966610 5-71					120		13,187	4.19	553						
568839 YELLOW CREEK MR SPECIAL.....*		2	9	2-35,61	11	1.2	8,728	5.19	453	20	21	-332	+.04	-12	-19
05-11-64 560067 1869059 5-71					10		10,390	5.03	523						

REGISTRATION NUMBER NAME DF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES ND- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
568840 YELLOW CREEK G WARRIOR.....*		1	15	1-34	15	1.1	11,014	5.34	588	25	20	-86	+.09	+5	+2
01-11-64 560915 2128059 5-71					9		11,651	4.95	577						
568848 PALS RINGD.....*		2	8	1-33	11	1.9	8,624	4.68	404	18	26	-8	-.01	-1	-1
05-17-63 550942 1975875 5-71					18		8,552	4.75	406						
568864 ELMWOODS DONALD.....*		3	13	1-34	17	1.4	10,735	4.79	514	6	25	+305	.00	+14	+20
05-19-64 557331 2122150 5-71					16		9,512	4.84	460						
568866 HOMINY HILL ASTOR.....	91-11	5	3	3-23,35,	12	1.3	9,318	4.83	450	0	34	-68	+.01	-2	-3
03-18-64 540669 1801354 5-71				41	11		9,509	4.84	460						
568869 WESTERN GLOW RADIANT NANCE....		1	20	1-84	20	1.1	6,396	4.41	282	22	21	-202	-.01	-10	-14
03-29-64 533769 1963044 1-71					17		7,106	4.49	319						
568870 WOODACRES CHIEFS FORTUNE.....*		2	13	2-57,63	19	1.0	9,554	4.85	463	16	26	-332	+.05	-11	-18
09-22-64 425345 1805826 5-71					144		10,974	4.71	517						
568872 WOOOACRES NANCES VALIANT.....		1	48	1-85	48	1.0	11,607	4.15	482	9	23	+83	-.01	+3	+5
11-07-64 533769 1701629 5-71					614		11,431	4.12	471						
568898 MERI JONS MARSHALL ROMEO.....*		1	10	1-31	10	1.0	11,559	4.92	569	0	18	+255	+.01	+13	+17
01-27-65 559347 2018658 5-71					11		10,172	4.94	502						
568905 MARGENOELL GOLDEN EM8LEM.....*		1	10	1-33	10	1.2	9,571	4.43	424	13	19	+64	-.04	-1	+1
08-27-64 549235 2161741 5-71					17		9,183	4.70	432						
568938 MR MIKE OF PRIMROSE LANE.....*		1	11	1-31	11	1.0	8,981	4.57	410	0	18	-51	+.01	-1	-2
07-10-64 550942 2055568 5-71					14		9,225	4.52	417						
568967 LYRENE PRINCES MARK.....*		2	6	1-23	11	1.2	10,919	4.29	468	0	25	-35	-.04	-5	-5
11-12-64 553667 2036256 5-71					21		11,222	4.42	496						
568983 MCOONALD FARMS JV HERCULES....*		1	13	1-23	13	1.4	10,195	4.48	457	17	21	-115	-.01	-6	-8
12-14-64 530291 1756355 5-71					34		10,872	4.54	494						
568988 OEERPATH MAJESTYS POPGUN.....*		1	14	1-52	14	1.1	12,304	4.47	550	17	20	+368	-.07	+10	+18
05-09-64 559700 1431729 5-71					24		10,528	4.78	503						
569004 OAR8Y MAPLE JACK.....*		1	10	1-31	10	1.5	9,179	4.68	430	**	20	+89	-.01	+3	+5
06-10-63 548679 1348960 5-71					44		8,629	4.74	409						
569017 HANSENAREA L FORTUNE.....*		3	7	1-21	10	1.6	9,852	4.72	465	10	25	-161	.00	-7	-10
07-20-64 528754 1722545 5-71					19		10,605	4.73	502						
569027 CROASOAILE FAMES ANSDN.....*		1	10	1-55	10	1.2	9,719	4.73	460	10	19	-49	-.02	-4	-5
02-15-64 512974 1737506 5-71					59		10,026	4.90	491						
569039 YELLOW CREEK 8FT WATCHMAN.....*		7	11	3-31,32,	25	1.4	11,820	5.21	616	21	36	-140	+.03	-4	-7
05-01-64 547583 1920083 5-71				57	22		12,492	5.20	649						
569084 EXCELSIOR FANNIES FARMER.....*		2	15	2-35,42	17	1.4	9,903	4.23	419	29	24	-86	-.06	-10	-11
04-10-64 542524 1922163 5-71					19		10,341	4.54	469						
569125 FREOELLA ROYAL KNIGHT.....*		1	10	1-41	10	1.0	10,195	4.78	487	0	18	+131	-.03	+3	+6
09-12-64 533769 2136557 5-71					10		9,434	4.99	471						
569138 GOIN FARMS 8ILLYS 8O.....*		2	13	2-42,47	15	1.6	11,012	4.73	521	33	24	-5	+.02	+2	+2
10-18-63 563299 2155799 5-71					16		11,195	4.63	518						
569171 FAVAS NOBLE CHAMPION.....*		1	23	1-23	23	1.3	9,885	4.60	455	39	23	-265	.00	-12	-17
10-10-62 512974 1508030 5-71					23		11,216	4.65	521						
569208 W J BUTTERFINGER ADOLF.....*		1	13	1-41	13	1.3	8,927	4.49	401	15	21	+52	-.02	0	+1
01-03-65 459489 1927326 5-71					22		8,565	4.67	400						
569223 HO ETTES FAME MR GREAT.....*		4	5	1-48	12	1.1	10,657	4.85	517	30	29	+253	+.01	+13	+17
08-14-64 512974 1859980 5-71					14		9,799	4.84	474						
569265 AVALONG VALS EMMIT.....*		1	11	1-23	11	1.4	8,042	4.68	376	36	20	-99	+.01	-4	-6
06-29-64 530291 1665515 5-71					22		8,427	4.72	398						
569287 E8ER LEA FARMS PRINCE FLASH...*		1	14	1-31	14	1.0	10,561	5.08	536	21	19	-2	.00	0	0
08-28-64 546422 1949396 5-71					8		10,679	5.10	545						
569288 E8ER LEA FARMS WINSTON.....	61-02	7	2	2-31,61	12	1.1	10,993	4.77	524	25	35	+85	-.01	+3	+5
11-18-64 537680 2016441 5-71					15		10,875	4.81	523						
569342 VALLEY GEM GLAO LAO.....*		1	17	1-91	17	1.7	9,819	4.56	448	6	24	-34	+.02	0	-1
07-11-63 496783 1421314 5-71					31		10,005	4.52	452						
569360 FOUR J NO8LE NEO.....*		1	10	1-33	10	1.2	8,897	4.43	394	44	19	-180	-.02	-10	-13
12-09-63 558561 2073568 5-71					15		9,898	4.61	456						
569377 GOLOEN OEW MADGES MILLARO.....*		3	6	2-72,74	13	1.0	8,116	4.26	346	31	27	+9	-.01	-1	-1
04-02-64 512974 2004588 5-71					31		7,912	4.31	341						
569386 CHEOAS Z SAM.....		1	11	1-93	11	1.1	12,214	4.49	549	18	19	+157	-.03	+4	+7
07-07-64 510014 1765151 5-71					12		11,562	4.64	536						
569392 KUHTZOALE JOLLY VAL.....*		3	9	2-35,47	13	1.2	8,566	5.09	436	62	24	-526	+.07	-18	-29
07-19-64 530291 1505219 1-71					22		10,910	4.81	525						
569398 GRANOVU CASEY JOLLY.....*		1	10	1-35	10	1.5	9,190	4.70	432	40	20	-210	.00	-10	-14
09-08-64 559799 2195720 5-71					28		10,315	4.74	489						
569405 BAY MEAOOW BILLYS OUCE.....	35-05	13	2	2-35,93	19	1.0	10,352	4.58	474	16	46	-112	-.04	-9	-10
07-28-64 511244 1684842 5-71					18		10,703	4.67	500						
569414 SMITHFIELO FORTUNES GLAMOR8OY.*		1	11	1-21	11	1.0	9,731	5.22	508	0	18	+26	+.05	+6	+6
08-06-64 528754 1783385 9-70					45		9,581	5.02	481						
569455 CARMIL FARMS NANCE BON SUPREME*		2	6	1-41	11	1.1	8,885	4.47	397	27	25	-53	-.03	-5	-6
06-26-64 533769 2069894 5-71					15		9,046	4.64	420						
569487 CRUM EL8OW OORMAN.....*		1	16	1-21	16	1.2	7,540	5.01	378	15	21	-153	+.05	-2	-6
01-15-64 533769 1450513 5-71					14		8,128	4.75	386						
569503 PRAIRIE VIEWS B O.....*		4	6	2-32,33	12	1.1	10,571	4.65	492	10	27	+276	-.02	+11	+16
10-03-62 496783 1688327 5-71					14		9,517	4.73	450						
569554 MAROY MANOY FAME.....*		1	10	1-56	10	1.0	10,711	4.29	459	0	18	-11	-.03	-3	-3
04-22-64 512974 1861575 9-70					17		10,906	4.45	485						
569580 WOOORUFF FARM C RUOY.....*		3	6	1-42	17	1.3	8,915	4.70	419	13	34	-16	.00	-1	-1
08-04-64 563819 1867480 5-71					12		8,891	4.75	422						
569604 ARECALA NANCE ROYAL.....*		1	10	1-84	10	1.0	11,228	4.68	525	13	18	+104	+.02	+7	+9
04-22-64 533769 1744914 5-71					13		10,755	4.55	489						
56966B ROES MOR N OESIGNER.....*		2	9	1-34	11	1.1	12,790	4.58	586	0	21	+177	-.03	+5	+9
10-05-64 533769 1987426 5-71					26		12,182	4.72	575						
569749 MENOALE SUPREME CHARGER.....*		1	13	1-31	13	1.3	9,273	4.81	446	8	21	+154	-.01	+6	+9
09-20-64 531573 2051584 5-71					8		8,401	4.90	412						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
569759 MAPLE ROW FORTUNES BULLETIN...*	72-01	8	4	3-51,54,	16	1.0	10,786	4.52	488	0	36	+338	-.02	+14	+20
01-09-65 528754 1735681 5-71				72	74		9,873	4.54	448						
569767 LOOKWELL T EASTERN STAR.....*		1	15	1-72	15	1.1	7,508	4.04	303	7	20	-202	.00	-9	-13
07-02-64 544342 1849935 5-71					31		8,383	4.04	339						
569831 BIRCH KNOLL TARBELLS FAME.....*		4	3	3-16,23,	10	1.4	7,631	4.52	345	30	31	-274	-.04	-16	-20
06-24-64 560299 1349590 5-71				51	21		8,398	4.69	394						
569853 TWIN BROOK B K CHARGER.....*		1	13	1-23	13	1.0	9,045	4.63	419	23	19	-139	-.01	-7	-9
03-29-65 560835 1939445 5-71					17		9,798	4.69	460						
569871 BAYVILLE PRIM MASTER.....*		2	10	2-52,55	12	1.2	10,481	4.76	499	8	21	+39	+.03	+5	+5
12-23-64 548087 1819391 5-71					135		10,370	4.60	477						
569876 LOOKWELL T FALCON.....*		1	12	1-32	12	1.3	10,708	4.72	505	17	20	+146	+.02	+9	+11
08-19-64 544342 1548119 5-71					14		10,022	4.61	462						
569881 SUNNYCREST LOUIE.....*		2	11	2-86,92	13	1.0	13,467	4.21	567	11	21	+35	-.01	+1	+2
03-24-64 528777 1805102 5-71					131		13,703	4.18	573						
569891 GRAYSMARSH FAMOUS.....*		2	12	2-91,92	14	1.3	9,952	4.30	428	14	23	-101	+.02	-3	-5
08-21-64 557543 1753290 5-71					26		10,492	4.24	445						
569925 BELLEMONTE FANCY JEWELL.....*		2	25	1-52	29	1.7	10,994	4.89	538	11	28	-21	+.02	+1	0
03-16-63 475595 1680432 5-71					15		11,232	4.83	543						
569928 PECKS DANDY FRIAR.....*		1	12	1-33	12	1.5	10,447	4.56	476	18	21	+148	-.03	+4	+7
05-24-64 560834 2140641 5-71					16		9,755	4.70	458						
569943 BAYVILLE DANGRA.....*		1	13	1-52	13	1.2	9,712	4.79	465	25	20	-154	+.04	-3	-6
01-30-65 499283 2057532 5-71					144		10,588	4.64	491						
570015 DUMAR FARM NANCES LADDIE.....*		2	10	1-72	12	1.1	9,094	4.39	399	14	21	-179	.00	-8	-11
11-17-64 533769 1696723 5-71					49		9,994	4.44	444						
570037 CLOVER OVERS MONA SENTINEL....*		1	10	1-61	10	1.0	7,317	4.44	325	40	18	-248	+.02	-10	-15
10-30-64 561796 2078459 5-71					39		8,626	4.41	380						
570047 MISTY MEADOWS M G L B TOMMY...*		12	2	7-35,52,	15	1.0	9,430	4.78	451	27	41	-110	+.07	+2	-1
12-15-64 499468 1918210 5-71				55,56,57	38		9,707	4.58	445						
570057 MAXVALES FOREMOST WILL.....*		2	7	1-91	11	1.2	10,586	5.00	529	9	24	-67	+.06	+3	+1
08-21-64 558793 1854110 5-71					12		11,006	4.78	526						
570058 MAXVALES FOREMOST JUMP.....*		3	9	1-91	12	1.2	11,906	4.64	552	8	23	+444	-.02	+19	+27
09-25-64 558793 2260417 5-71					29		10,024	4.73	474						
570072 PARKERS IDEAL SAM.....*		1	20	1-31	20	1.5	10,005	5.17	517	26	23	-29	+.03	+2	+1
04-29-63 552230 2081232 5-71					17		10,188	5.04	513						
570110 DULUTH G GALLANT GERRY.....*	35-21	7	2	2-41,42	10	1.0	10,224	4.60	470	10	30	+2	-.02	-2	-2
04-15-65 516703 1884515 5-71					13		10,282	4.72	485						
570111 GRAYSMARSH BALBOA.....*		3	5	1-91	10	1.2	12,369	4.46	552	10	24	+298	-.12	+2	+9
07-20-64 551586 1730813 5-71					28		11,318	4.89	554						
570185 YELLOW CREEK MR SHERIFF.....*		3	7	1-32	15	1.1	10,557	5.44	574	29	29	-394	+.19	-1	-11
07-10-64 560067 2167465 5-71					18		12,162	4.90	596						
570186 YELLOW CREEK MR APOLLO.....*		1	10	1-42	10	1.0	10,085	5.27	531	33	18	-9	+.05	+4	+3
11-12-64 560067 2182242 5-71					9		10,198	5.03	513						
570187 YELLOW CREEK BFT STATESMAN....*	21-10	25	1	9-12,16,	28	1.2	10,531	4.76	501	14	59	+63	+.03	+6	+7
11-04-64 547583 2156623 5-71				21,22,23	26		10,511	4.72	496						
570269 DUMAR FARM R VS LEADER.....*		1	18	1-23	18	1.1	8,733	4.23	369	6	21	+4	.00	0	0
11-16-64 562431 2167686 5-71					66		8,610	4.27	368						
570295 FAUVER HILL HALS ORBIT.....*	35-21	16	2	3-35,42,	25	1.0	9,915	4.49	445	20	52	-281	-.09	-21	-25
03-11-65 541009 1893147 5-71				91	19		10,555	4.67	493						
570298 YELLOW CREEK BFT VALOR.....		4	4	1-57	14	1.0	12,248	4.97	609	9	32	+223	+.09	+19	+22
02-28-65 547583 1222895 5-71					70		11,774	4.77	562						
570307 GRAIN MEADOW D HORNET.....*		2	9	2-32,33	11	1.0	9,145	4.19	383	18	20	-64	-.08	-11	-11
02-19-65 557391 1908462 5-71					20		9,453	4.68	442						
570367 SPRING RIDGE G BADGER.....*	23-13	20	2	7-12,16,	27	1.0	10,175	4.67	475	19	55	-136	.00	-6	-9
03-26-65 459489 1874596 5-71				21,22,23	22		10,513	4.69	493						
570421 KOKOSINGS GOLDEN BOY.....*		2	12	1-31	14	1.1	10,453	4.79	501	29	21	-113	+.06	0	-3
02-12-65 562943 2177881 5-71					21		11,137	4.59	511						
570498 ROSEWOOD AM COPYRIGHT.....*		1	12	1-93	12	1.0	13,842	4.42	612	0	19	+307	-.02	+12	+18
01-25-65 556765 2123203 5-71					23		12,473	4.50	561						
570504 MONARCHS SCHOLAR.....*		1	14	1-35	14	1.0	9,156	4.84	443	29	19	-99	.00	-5	-7
02-13-65 518098 2031532 5-71					37		9,676	4.95	479						
570512 PENN WILL FAMES SUPREME.....*		2	22	1-32	24	1.8	11,558	4.47	517	8	26	+350	-.07	+9	+17
01-01-63 512974 1869055 5-71					18		10,294	4.74	488						
570549 GEO MARS FAITHFUL HORNET.....		1	11	1-43	11	1.5	8,557	4.76	407	9	20	-139	+.03	-4	-7
09-15-64 523125 2126358 1-71					6		9,204	4.67	430						
570554 OWENS PLACE FLASHER.....*		8	2	3-31,32,	11	1.1	11,309	4.72	534	18	34	+89	-.02	+2	+4
11-23-64 475548 1971501 5-71				57	11		11,205	4.79	537						
570573 BAY MEADOW OAISYS DAYLO.....*		2	11	1-93	16	1.1	12,619	4.65	587	7	25	+248	+.08	+19	+22
10-09-64 562419 1714693 5-71					32		11,851	4.38	519						
570654 MIXED MAPLES SUSIE SUPER.....*		1	11	1-23	11	1.8	10,097	4.54	458	0	22	+127	-.06	0	+3
05-23-64 522908 1648361 5-71					19		9,507	4.85	461						
570717 ABBOTTSDALE KING COLE.....*		2	11	1-23	13	1.1	9,480	5.03	477	23	21	-30	+.02	+1	0
05-19-64 560835 1401453 5-71					20		9,626	4.93	475						
570719 MEADOW VIEW BUSTER.....		1	12	1-41	12	1.1	7,923	4.66	369	25	19	-204	-.03	-12	-15
09-17-64 511244 2139460 5-71					18		8,930	4.86	434						
570724 PLYMOUTH LANE HANDY TRAVELER..*		2	16	1-32	27	1.4	9,885	5.22	516	23	33	-573	+.09	-18	-30
12-18-63 531473 1949594 5-71					15		11,877	4.95	588						
570735 WELCOME FLASHS HOLLIREX.....*	21-10	25	2	8-11,13,	40	1.0	12,067	4.71	568	10	64	+772	.00	+36	+50
02-25-65 473982 2008537 5-71				14,16,21	19		10,987	4.71	518						
570795 HOMEWOOD BP STANDBEST.....*		1	10	1-52	10	1.0	10,998	4.78	526	60	18	-116	+.03	-3	-6
03-11-65 524247 2190749 5-71					54		11,884	4.72	561						
570799 RAEMELTON FLASHS COMET.....*	61-02	27	2	6-31,32,	45	1.0	9,903	4.54	450	27	65	-128	-.03	-9	-11
07-11-65 475548 1858585 5-71				33,61,85	75		10,154	4.61	468						
570812 MYERLEA GOURMET GO.....*		1	11	1-22	11	1.0	8,672	4.95	429	18	18	-230	.00	-11	-15
03-13-65 537301 2134515 5-71					74		9,975	5.03	502						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF OAU /HO	STATES NO- WITH MOST OAUS	... OAUGHTERS AND HEROMATES ... OAUS HM/DAU	REC/OAU HEROMATE	MILK	%	FAT	% 1ST INC	REPT %	PREOICTEO OIFFERENCES MILK	%	FAT	$$
570837 8LUE 8OULOER S THUNOER.....*		3	5	1-35	10	1.0	10,764	4.44	478	0	23	+11	-.01	0	0
05-19-65 536610 1518541 5-71					21		10,837	4.49	487						
570897 COOKE8Y ADVANCER.....*		2	16	1-32	18	1.2	8,769	4.77	418	22	23	-462	+.02	-20	-29
07-22-64 533769 1910905 5-71					13		10,940	4.74	519						
570940 GOLOEN HILLS R 8EACON.....*		1	17	1-32	17	1.4	9,590	4.71	452	13	22	-161	.00	-7	-10
12-13-64 560175 2072129 5-71					8		10,404	4.75	494						
570996 EOISTO FARMS J COLONEL.....*		1	27	1-56	27	1.1	12,104	4.30	520	11	22	+201	-.07	+2	+7
04-03-65 521086 2156828 5-71					20		11,375	4.55	517						
570997 EOISTO FARMS J ROYALMOST.....*		3	4	1-56	11	1.0	10,974	4.52	496	0	28	+442	-.04	+16	+25
04-12-65 521086 1277886 5-71					43		9,356	4.68	438						
571027 SEOOHRS GENERAL.....*		1	11	1-56	11	1.1	7,059	4.62	326	45	19	-367	+.01	-16	-23
08-03-65 539742 1628537 5-71					34		8,972	4.64	416						
571251 MULHOCAWAY 8UTTERFAT SERGEANT.		1	17	1-43	17	1.0	8,932	4.97	444	12	20	-56	+.03	0	-1
03-30-65 493764 1985594 5-71					52		9,169	4.85	445						
571267 FAR WEST OARIMAKER.....*	91-13	10	2	4-41,42,	15	1.0	10,514	4.65	489	20	40	-250	.00	-12	-16
07-09-65 546331 2096681 5-71				91,92	18		11,312	4.69	530						
571359 EMROY RINGMASTER.....*		1	10	1-57	10	1.0	12,259	4.58	561	10	18	+141	-.01	+6	+9
06-18-65 562199 2140649 5-71					131		11,665	4.59	535						
571395 OEEP LAKE FLASHS HANOSOME.....*		3	10	3-52,56,	15	1.0	10,273	4.79	492	0	25	+16	+.04	+5	+5
05-28-65 475548 1531468 5-71				58	133		10,270	4.63	476						
571509 8LAKEFORO LI88YS 8RILLIANT....*		7	3	6-21,22,	14	1.0	9,126	4.76	434	46	36	-640	+.07	-23	-36
02-24-65 499468 1655765 5-71				23,51,63	38		11,069	4.60	509						
571511 VAN OYKE OAISYS OANCER.....*		1	10	1-41	10	1.2	9,923	4.84	480	20	19	-87	+.04	0	-2
09-30-64 557773 1768220 5-71					6		10,484	4.65	487						
571689 8AYVILLE 8RILLIANT MAGIC.....*	23-13	12	2	5-31,32,	16	1.0	10,666	4.90	523	0	42	+98	+.09	+13	+13
09-12-65 499468 2132463 5-71				34,51,54	11		10,523	4.72	497						
572036 YELLOW CREEK MR SPOT.....*		5	7	2-32,34	14	1.0	8,423	5.30	446	31	27	-320	+.10	-6	-13
07-16-65 560067 1869059 5-71					32		9,634	4.93	475						
572114 8AY MEAOOW CEOARS OFFICER.....*		1	10	1-52	10	1.0	8,622	5.10	440	10	18	-168	+.05	-3	-7
08-27-65 564966 2202633 1-71					133		9,568	4.83	462						
572192 ELM MOCR GONDOLIERS 8ARON.....*		1	15	1-48	15	1.2	10,624	5.09	541	0	21	+192	+.10	+19	+21
07-23-64 547765 1801356 5-71					16		9,705	4.65	451						
572372 MANOR 8RILLIANT LEAOER.....*		2	15	1-51	19	1.0	10,337	5.28	546	11	23	+113	+.09	+14	+15
09-05-65 499468 2058401 5-71					69		9,876	4.98	492						
572450 RIVER DALE MAYS SUPREME.....*		5	10	3-32,34,	17	1.4	9,683	4.85	470	31	29	-100	+.01	-4	-6
09-23-62 475595 1904985 5-71				57	12		10,077	4.86	490						
572699 GATES TRISUPER NORMAN.....*		1	11	1-43	11	1.0	10,380	5.27	547	27	18	-73	+.05	+1	-1
07-04-65 527534 1661469 5-71					26		10,916	5.07	553						
572999 SPENCER 8ROOK J V PEDRO.....*		1	12	1-21	12	1.1	7,662	4.22	323	75	19	-339	.00	-16	-22
11-19-64 524993 1751647 5-71					10		9,429	4.34	409						
573078 GERAR FLASH.....*		1	17	1-50	17	1.0	9,246	4.81	445	47	20	-52	+.01	-1	-2
03-25-65 475548 2100085 5-71					46		9,495	4.81	457						
573106 NORMANOY,PEER VALIANT.....*		1	12	1-32	12	1.3	11,344	5.07	575	42	20	-265	+.10	-3	-9
09-06-64 530291 1793316 5-71					45		13,000	4.70	611						
573197 NORMANOY VALIO.....*		2	7	1-32	12	1.3	9,682	4.69	454	58	26	-257	-.01	-13	-17
11-01-64 559695 2047347 5-71					36		10,782	4.78	515						
573486 8ELMONT VIEW NANCE LEE.....*		2	6	2-56,57	11	1.0	11,911	4.53	540	0	24	+247	-.04	+8	+13
01-21-66 533769 1967387 5-71					152		11,032	4.67	515						
576431 NIEMANN FARMS AL8ERT.....*		1	13	1-33	13	1.0	9,873	4.82	476	8	19	-26	+.06	+5	+3
12-25-64 524993 2146523 5-71					9		10,058	4.48	451						
576470 ELLISOL JIMMY.....*		1	11	1-23	11	1.4	8,955	4.76	426	13	20	-104	+.02	-3	-5
12-18-63 548689 1999001 5-71					11		9,466	4.70	445						
41WAG8792		1	14	1-41	14	3.4	9,146	4.69	429	8	26	-24	-.01	-2	-2
5-71					7		9,200	4.77	439						
41W8T6290		1	13	1-41	13	1.5	9,004	5.46	492	**	22	-399	+.14	-6	-15
5-71					12		11,001	4.85	534						
52AEU2603		1	10	1-52	10	2.3	8,688	4.58	398	**	21	+123	-.01	+5	+7
5-71					2		7,945	4.59	365						
91WAP6444		1	12	1-91	12	1.0	9,564	4.52	432	13	19	-170	.00	-8	-11
5-71					2		10,578	4.60	487						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	%	1ST REPT INC	%	PREDICTED DIFFERENCES MILK	%	FAT	$$
798291 SIR CLAREMONT PIETJE POS HART.	35-75	13	2	4-32,35,	17	2.8	13,417	3.73	500	**	51		-389	+.02	-12	-20
11-19-37 010103939 2354399 5-71				55,91	14		14,207	3.72	528							
834606 LAUXMONT SAFEMASTER SENATOR...	35-75	10	2	5-32,34,	13	2.2	15,269	3.67	561		11	43	+26	+.01	+3	+3
10-02-41 751642 1865495 5-71				35,41,93	71		15,348	3.65	560							
837719 GENODALE WINTERTHUR NEPTUNE...		36	3	13-33,35,	60	3.0	14,124	3.60	509	**	76		+382	+.02	+16	+23
10-05-41 671669 1861006 5-71				55,56,91	15		13,586	3.58	487							
843274 HILLS8ORO SIR ORMS8Y FO8ES....	52-01	73	3	2-52,57	114	2.1	12,425	3.73	464	**	85		-484	+.06	-9	-20
02-16-42 654594 1448642 5-71					17		12,889	3.67	473							
860768 FO8ES NETHERLAND ORM KORNDYKE.	52-01	299	4	5-23,51,	692	3.1	12,986	3.58	465	**	97		-177	-.05	-13	-15
08-01-41 741318 1791175 9-70				52,54,55	17		13,084	3.65	477							
877660 PA8ST 8URKE 8ELVALE.....*	35-03	210	4	11-23,33,	509	2.8	12,359	3.41	422	**	96		-205	-.10	-21	-23
06-22-43 697789 2071766 9-70				35,42,74	10		12,422	3.53	439							
879145 DUNLOGGIN STRATH VAR.....*		26	21	3-22,35,	113	2.3	16,335	3.46	565	**	65		+738	-.10	+12	+29
07-02-43 855938 2067265 9-70				93	77		15,342	3.59	551							
885830 WIS CYCLONE.....*	35-02	251	3	11-16,22,	424	3.5	13,209	3.57	471		0	96	-71	.00	-2	-4
04-21-43 819476 2211944 9-70				34,35,64	11		13,211	3.57	471							
894806 OOSTIE JOE INVINCI8LE.....*	35-06	70	2	5-32,33,	97	3.6	12,773	3.60	460		0	86	+19	.00	0	0
08-29-43 725853 1992844 9-70				35,42,74	12		12,619	3.61	455							
903212 CARNATION HOMESTEAD ARISTOCRAT*	35-02	120	3	4-16,33,	160	3.2	12,419	3.53	438	**	90		-182	-.04	-12	-15
01-25-44 629472 1840657 9-70				34,35	8		12,476	3.58	447							
910630 ORMS8Y TRANSM TOP SARGEANT....*	35-75	262	2	12-33,35,	373	2.8	12,686	3.84	487		2	96	-336	+.17	+11	0
03-21-44 835595 2236894 9-70				41,42,91	10		12,939	3.65	472							
935783 SIR WALLACE DESIGN.....*	31-02	220	3	6-21,23,	380	3.4	12,752	3.65	466	**	95		-480	+.08	-6	-17
03-05-45 738106 1885970 9-70				31,34,54	10		13,180	3.57	470							
949003 JULE CRESCENT ACE.....*		19	3	6-31,34,	25	2.4	11,694	3.51	411	**	57		-548	+.01	-19	-30
02-17-45 789081 1842865 9-70				35,61,83	11		12,519	3.51	439							
986239 CARNATION WILLOWDALE MAGIC....*	35-05	86	2	4-22,23,	119	2.6	12,796	3.67	469	**	87		-259	+.07	0	-7
06-03-46 873322 2484957 5-71				35,41	9		12,999	3.58	466							
996245 M M MAXIMUM LUDWIG.....*	35-04	13	1	3-33,35,	15	2.3	12,799	3.71	475	**	47		-199	+.05	0	-5
11-30-46 925394 2309419 5-71				41	10		13,145	3.60	473							
1009211 CORNELL RAG APPLE ARISTOCRAT..	72-01	21	5	1-72	52	3.1	11,746	3.41	401	**	70		-626	.00	-22	-35
04-12-47 798451 2187249 5-71					21		12,503	3.42	427							
1014754 POLYTECHNIC IMPERIAL WAYNE....*	47-01	49	6	4-42,47,	134	3.2	13,351	3.75	500	**	85		-123	+.13	+13	+8
07-12-47 878257 2569950 5-71				48,72	20		13,448	3.59	483							
1014925 WIS IDEAL CRUSADER.....*	35-05	340	5	28-33,35,	840	3.3	13,104	3.62	474		5	97	-395	+.01	-13	-21
09-08-47 933122 2286195 1-71				42,48,86	14		13,463	3.62	487							
1018213 CLOVER8ROOK SIR ADMIRAL ORMSBY	72-01	26	5	2-42,72	79	2.4	12,290	3.50	430	**	77		-222	+.04	-2	-7
10-26-46 887508 2557595 5-71					23		12,429	3.43	426							
1024453 PA8ST SIR RO8URKE RAG APPLE...*	33-03	2,248	4	43-21,23,	4,141	3.7	13,971	3.63	507		3	99	+276	-.01	+9	+15
11-19-47 859213 2365506 1-71				31,33,35	14		13,666	3.64	497							
1024596 THONYMA RAG APPLE REMUS-TWIN..	48-01	95	2	3-47,48,	144	3.1	11,702	4.02	470	**	90		-983	+.30	+3	-23
10-30-47 975148 2616899 9-70				63	10		12,672	3.65	462							
1035230 8ROAD ROCK GRACIOUS GOVERNOR..*	14-01	30	2	11-11,13,	41	2.8	14,741	3.70	546	**	72		-26	-.01	-3	-3
01-28-48 834432 1909689 5-71				14,16,52	15		14,872	3.75	557							
1037437 WOLFSEN ACRES DESIGN.....	93-10	11	8	2-51,93	30	1.4	15,695	3.54	556	**	46		-62	+.02	0	-2
06-19-48 882689 2656157 5-71					39		16,043	3.52	564							
1040096 SHIAWANA MUTUAL PAUL 5TH.....	35-75	1,019	6	36-21,23,	2,249	3.1	15,028	3.55	533		4	99	+557	-.06	+12	+24
05-11-48 862256 2215199 1-71				82,91,93	40		14,523	3.60	523							
1042708 WINDY SHADE POSCH DUNLOGGIN A.*	72-01	11	2	4-31,61,	17	1.8	13,675	3.33	456	**	46		-89	-.10	-17	-16
05-30-48 835919 2706162 5-71				63,72	20		13,862	3.56	493							
1042917 MENDOCINO DUKE AAGGIE STAR....	93-10	20	10	1-93	89	1.8	16,829	3.51	591	**	70		+490	-.05	+10	+21
10-14-47 879747 1807379 5-71					30		16,366	3.57	584							
1049283 DELWOOD 8ONNY PROSPEROUS.....		1	12	1-46	12	2.1	15,511	3.51	545		11	22	+78	-.01	+2	+4
11-01-47 838761 1926929 5-71					12		15,297	3.52	538							
1053843 8ROADLAWN CREATOR COMET.....*		9	2	2-33,61	13	2.4	12,719	3.76	478	**	42		-212	+.05	-1	-6
09-11-48 959466 2142778 5-71					11		13,150	3.65	480							
1055021 GLENAFTON REVELATION.....*	35-03	53	14	9-21,35,	135	3.0	15,699	3.45	542		6	77	+695	-.10	+11	+27
07-27-48 010137532 010639727 5-71				51,61,74	26		14,884	3.57	531							
1059253 LOS RO8LES GER8EN BURKE SEGIS.		3	29	1-93	33	1.9	15,308	3.58	548		4	28	+68	+.01	+4	+5
11-16-48 892265 2378047 5-71					73		15,188	3.54	538							
1061611 HARTS8ROOK 8ONNY COMET.....*		14	18	4-12,13,	71	2.3	14,811	3.68	545	**	58		+181	-.02	+3	+7
01-01-49 959466 2770447 5-71				14,16	19		14,558	3.73	543							
1062519 FRASEA NETHERLAND MASTERPIECE.	41-01	32	2	5-41,45,	41	2.0	11,751	3.54	416	**	69		-597	-.01	-23	-35
08-10-48 010153547 010533976 5-71				48,71,85	14		12,471	3.57	445							
1063550 PIE8E KORNDYKE VALDESSA.....*		15	5	3-23,51,	31	3.1	14,961	3.80	569	**	57		+822	+.02	+33	+49
02-05-49 860768 2512768 5-71				55	33		13,460	3.80	511							
1064037 MACDONALD POSCH AJAX.....*		5	26	1-52	38	2.7	10,610	3.37	358	**	36		-451	-.01	-18	-27
06-10-48 010144667 010380457 5-71					47		11,638	3.45	402							
1066468 ELL8ANK ORMS8Y SENSATION KING.*		8	4	2-33,43	17	2.5	12,468	3.79	473	**	44		-529	+.11	-4	-17
11-01-47 909434 2333671 1-71					57		13,646	3.54	483							
1068877 LEONGARD KAN-IDA 8URKE.....	35-05	49	1	5-35,41,	60	3.0	13,540	3.60	487	**	80		-49	+.02	+1	0
04-21-48 864178 2222946 5-71				42,86,87	13		13,564	3.57	484							
1069125 KINLOCH RAG APPLE ADMIRAL.....		4	15	1-52	42	2.9	12,563	3.46	435	**	49		+45	-.03	-3	-1
12-07-48 1033112 2370313 5-71					19		12,309	3.55	437							
1070226 TIETON SPERGER MADCAP WAYNE...	87-01	306	6	11-41,82,	861	2.4	13,128	3.53	464		3	97	-941	+.01	-32	-51
07-06-48 903057 2760474 1-71				83,87,91	9		14,117	3.52	497							
1070845 OAKTON BURTON SOVEREIGN.....*		10	20	6-21,23,	44	2.8	14,409	3.73	538	**	44		+229	+.01	+10	+14
02-02-49 010155159 2390305 5-71				31,35,52	22		13,882	3.72	516							
1071858 TOBEY HILL CHIEFTAIN PEDRO....*		6	8	1-21	19	3.4	13,161	3.82	503	**	40		-97	+.06	+5	+2
04-06-49 901967 2562555 5-71					29		13,346	3.66	488							
1072566 A88EYDALE PEPPER ELSIE LAD....*	63-03	22	6	7-33,43,	49	3.1	13,216	3.50	463		0	66	+67	-.02	0	+2
04-07-49 813522 2728524 5-71				48,61,63	15		13,023	3.52	459							
1073831 PECATONICA PRILLY ROAMER.....*	35-06	147	4	7-31,33,	279	3.5	12,600	3.71	468		1	94	-526	+.08	-8	-20
12-25-48 859213 1886145 9-70				35,42,86	13		13,076	3.63	475							

REGISTRATION NUMBER / NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1075133 8REEZELAND CREATOR COMET.....*	35-05	112	4	6-33,34,	171	2.9	13,428	3.73	501		12	90	-416	+.12	+1	-10
02-06-49 959466 2407153 5-71				35,41,42	13		13,889	3.60	500							
1075232 SEQUOIA PRINCE A Y.....		1	12	1-93	12	2.2	16,556	3.53	585		**	23	-30	+.01	+1	0
02-15-49 917930 2995473 5-71					172		16,999	3.45	587							
1076655 GREEN RIVER ARISTOCRAT VICTOR.*		2	10	1-16	16	3.8	15,526	3.67	570		**	33	+152	+.01	+7	+10
12-27-47 864710 2419854 5-71					13		15,187	3.65	554							
1079321 COCHRAN SOVEREIGN NOVAR.....*		12	29	2-21,74	64	3.3	15,009	3.56	535		7	47	-136	+.01	-4	-7
01-28-49 1007680 2606670 5-71					30		15,451	3.57	551							
1079658 MEADOW SPRINGS PIETERTJE HAVEN*		37	22	4-22,23,	150	3.4	13,715	3.88	532		11	73	-508	+.09	-6	-18
04-26-49 742938 2268148 5-71				35,57	15		14,469	3.77	546							
1080108 JULE KING ADMIRAL FO8ES.....	91-01	368	7	16-35,81,	1,049	2.5	12,851	3.68	473		11	97	-1,461	+.13	-37	-69
03-03-49 912429 2564211 1-71				82,87,91	16		14,399	3.56	513							
1080616 STARKSFORD ORMS8Y PRINCE.....		3	13	1-93	17	1.6	13,802	3.54	488		**	26	-364	.00	-13	-20
03-23-49 873608 1605723 5-71					74		15,335	3.55	544							
1081355 SPRING FARM SILVER KING.....*	35-05	67	12	10-35,41,	135	3.0	13,077	3.76	492		6	78	-321	+.09	+1	-7
02-24-49 010197964 010585936 5-71				43,51,52	31		13,438	3.65	490							
1085852 WIS PROGRESSOR.....*		5	13	3-23,35,	22	4.0	13,083	3.66	479		**	37	-204	-.06	-15	-18
10-25-49 933122 2182986 5-71				41	32		13,613	3.86	526							
1087246 NOTRE DAME LEADER.....*	35-02	299	2	12-22,23,	466	3.1	12,825	3.63	465		7	97	-677	+.03	-21	-35
09-26-49 859213 2349874 9-70				32,34,35	14		13,481	3.61	486							
1095002 A 8 C PALMYRA SOVEREIGN R.....*	23-02	232	4	22-23,31,	345	2.8	14,401	3.64	524		10	94	-254	+.05	-2	-8
07-16-49 010198998 010724610 1-71				35,82,93	34		14,753	3.59	530							
1096038 COCHRAN SOVEREIGN 8ARON.....*		16	27	4-21,23,	83	2.8	14,919	3.53	527		7	54	-308	-.03	-15	-20
10-05-49 959121 2902633 1-71				52,57	14		15,669	3.59	563							
1097910 MAPLE LANE 8EATRICE REGAL.....		8	42	2-35,41	75	2.5	13,632	3.72	507		**	41	+112	+.04	+10	+11
12-31-49 901195 2573363 5-71					14		13,296	3.61	480							
1098656 WIS IDEAL CONCENTRATE.....	93-03	53	107	12-31,48,	436	2.6	15,489	3.54	549		13	64	-156	-.03	-10	-12
02-05-50 933122 2628437 1-71				84,86,91	115		15,935	3.60	573							
1102861 KENJO REGAL 8ELMONT.....*	63-03	22	7	3-35,61,	87	3.4	12,899	3.48	449		**	77	-198	-.06	-16	-18
01-08-50 901195 2123645 5-71				63	15		13,071	3.57	467							
1103113 8ENTON HENGERVELD PRINCE.....*		10	6	2-22,51	33	2.6	12,480	3.77	470		**	55	-87	+.02	-1	-3
12-11-49 869473 2410183 5-71					11		12,495	3.76	470							
1110594 ADMIRAL COMET.....*	35-02	256	3	8-21,23,	412	3.4	13,371	3.72	497		1	96	+81	+.11	+18	+17
04-02-49 959466 2374869 9-70				33,34,35	13		13,213	3.59	475							
1113350 RAVEN 8URKE IDEAL.....*	31-02	1,205	10	40-31,32,	4,248	3.3	14,314	3.56	510		7	99	+10	-.02	-2	-1
04-22-50 1013415 2948519 5-71				43,56,93	21		14,344	3.58	514							
1114468 USNAD OUNLOGGIN POSCH.....		21	5	5-21,23,	52	2.1	12,142	3.43	417		**	66	-185	-.10	-21	-22
07-28-50 987970 2500612 5-71				51,52,54	37		12,256	3.62	444							
1119383 ELMER 8ROOK HOESLY JOE PRIDE..	35-02	222	3	11-34,35,	360	3.3	13,112	3.52	461		6	95	-300	-.07	-21	-25
05-12-50 748385 2035912 1-71				41,42,61	13		13,371	3.60	482							
1119683 SNEEN PIE8E ROOO.....		8	1	2-23,51	10	3.2	14,167	4.00	566		0	41	-8	+.14	+19	+16
01-27-50 956176 2767316 5-71					11		14,215	3.67	521							
1121917 REX HOMESTEAD FO8ES.....		7	2	2-42,52	11	2.9	12,255	3.64	446		**	39	-14	+.01	+1	0
09-04-49 780586 2924822 9-70					19		12,111	3.62	438							
1122127 HICKORYVALE 8 8 LAD.....	51-02	577	8	16-23,31,	1,721	2.8	14,452	3.58	518		9	98	+811	-.12	+12	+31
08-12-50 986779 2658395 1-71				51,52,54	20		13,592	3.72	506							
1122482 HAWTHORN KING WAYNE COMMANDER.*		5	14	1-41	25	3.6	15,923	3.50	558		**	39	+376	-.02	+10	+18
08-13-50 1049406 2299633 5-71					10		15,059	3.56	536							
1126307 WIS MAGISTRATE 8URKE.....	93-05	209	68	17-74,82,	1,852	2.2	15,968	3.58	572		5	92	+74	+.04	+8	+9
12-03-50 999669 2980159 9-70				86,91,93	101		16,103	3.54	570							
1126309 WIS IMPERIAL COUNT.....	93-05	145	45	12-74,82,	915	2.0	16,261	3.45	561		5	88	+183	-.10	-8	-2
01-02-51 933122 2182986 1-71				86,91,93	125		16,288	3.55	579							
1126392 KYLAND PREMIER.....*		19	26	8-33,35,	70	3.9	14,599	3.76	549		8	53	-10	+.05	+6	+5
07-25-50 895914 2464654 5-71				42,56,61	15		14,696	3.69	542							
1126982 RAVENGLEN CREATION.....*	33-02	120	2	11-23,31,	189	2.8	13,343	3.61	482		13	92	-337	-.01	-13	-20
10-09-50 1064734 2136326 5-71				33,35,42	17		13,687	3.63	497							
1128932 RWJS ORMS8Y VALE SIR HEILO....	93-05	28	12	4-91,92,	106	2.0	16,023	3.51	562		**	71	-350	-.04	-18	-24
01-17-50 1077013 3122269 5-71				93,95	168		16,801	3.56	598							
1129792 FRAN-WILL LUCIFER ONA.....	51-02	32	2	3-23,51,	46	3.0	12,513	3.78	473		**	73	+102	+.06	+12	+13
10-06-50 769170 2713252 5-71				52	22		12,199	3.70	451							
1130152 ANDREAS OUNLOGGIN OLIVER.....*		8	2	1-31	13	2.6	15,111	3.59	542		**	42	+319	-.03	+7	+14
11-25-50 1052189 3001710 1-71					6		14,400	3.67	529							
1136564 WEARY RIVER RESOLUTE PAUL.....	93-05	97	43	8-82,86,	683	2.4	17,226	3.49	601		5	86	+1,022	-.07	+26	+48
12-13-50 863778 2350871 9-70				91,92,93	123		16,273	3.56	579							
1137966 SIR ECHO HAZELWOOD 8URKE.....*		12	21	1-84	43	1.4	14,273	3.29	469		**	37	+155	-.05	-2	+2
09-12-50 909945 2593045 5-71					50		13,846	3.42	473							
1138294 ANDREAS OUNLOGGIN COY.....		2	8	1-31	10	3.3	11,006	3.54	390		**	25	-118	+.02	-1	-4
02-22-51 1052189 2762527 5-71					8		11,208	3.46	388							
1138451 ROSAFE MAGICIAN.....*	31-02	848	12	36-21,31,	2,473	3.2	14,190	3.58	508		8	99	-389	.00	-14	-22
12-02-49 010198998 010547099 1-71				43,56,93	31		14,657	3.59	526							
1140200 A8EGWEIT MALPEQUE OYSTER.....*		17	15	2-11,12	67	2.5	13,503	4.04	546		10	59	-794	+.20	-3	-23
08-27-49 1158687 010683231 5-71					15		14,958	3.74	559							
1141072 SHAWS GOLDEN CROSS AIM TIDY...*		21	18	9-11,14,	65	3.1	16,112	3.75	604		14	57	+419	-.03	+11	+20
05-02-51 892522 2454513 5-71				21,41,55	11		15,529	3.83	594							
1141276 MAVIEW LAD DIRECT FERN SIDE...	52-01	624	13	14-11,12,	3,577	3.1	13,117	3.67	481		12	99	-704	+.10	-12	-28
01-29-51 1011980 2959074 5-71				51,52,55	21		13,817	3.57	493							
1141981 COEMENS DICTATOR ALL ORMS8Y...*		11	7	7-34,48,	25	2.3	11,509	3.63	418		**	47	-540	+.03	-15	-26
12-21-50 1068327 2859631 5-71				57,61,74	15		12,511	3.56	446							
1143199 OWLHURST DICTATOR-TWIN.....*		1	36	1-51	36	3.3	12,135	3.79	460		**	29	-414	+.03	-11	-20
02-21-50 827033 2584344 5-71					19		13,524	3.70	500							
1143251 HULDA SIR ELLA NAT.....		2	19	1-42	23	3.7	13,853	3.46	480		**	30	+145	+.01	+7	+10
04-20-51 1043101 2608316 1-71					14		13,304	3.39	451							
1143527 PA8ST WALKER ROAM.....	72-01	40	18	4-41,47,	174	2.7	13,051	3.32	433		2	77	-161	-.05	-13	-15
05-17-51 981360 2901869 5-71				65,72	28		13,185	3.38	446							

REGISTRATION NUMBER / NAME / OF / BULL	STUD CODE	NUMBER OF HERDS	EFF OAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/OAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1144238 WIS CHAMPION.....*	91-01	98	8	15-35,81,	183	2.9	13,821	3.56	492		1	86	-228	.00	-8	-13
05-16-51 999669 2892873 1-71				82,87,91	16		14,103	3.57	503							
1146607 VALENTINE POSCH ORMS8Y FO8ES..*	35-02	487	3	15-22,33,	1,056	3.3	13,184	3.79	500		5	98	-573	+.16	+1	-14
03-03-51 835919 3069820 1-71				34,35,84	14		13,749	3.62	498							
1149907 COVA GOLD PRODUCER.....		2	7	1-52	10	2.1	12,048	3.75	452	**	24		-185	+.02	-4	-8
10-14-51 1052690 2534983 5-71					8		12,694	3.69	468							
1150975 MALLARY VALIANT.....*		6	11	4-13,14,	21	2.6	12,842	3.60	462	**	36		-33	-.04	-7	-7
06-17-51 927531 2065618 5-71				15,16	8		12,823	3.77	483							
1151274 FRANLO 8ARTELS TREASURE CHAMP.*		6	15	2-41,46	25	3.0	12,922	3.64	471	**	35		-371	+.01	-12	-20
10-25-50 1028260 2522880 5-71					12		13,987	3.65	510							
1152226 CARNATION PROGRESSOR GAY 8OY..*		3	20	1-93	52	2.1	14,089	3.70	521	**	47		-577	-.02	-23	-34
02-12-51 808292 2866874 5-71					25		15,487	3.75	580							
1154156 WINFARM INKA MOOEL.....*		34	27	4-12,13,	126	3.6	13,974	3.70	517		8	66	-747	+.06	-19	-35
02-05-50 1025281 2582610 5-71				16,21	29		15,240	3.62	552							
1155944 LAKEFIELD CLYDE HILL FO8ES....	34-01	144	1	1-34	167	3.0	12,955	3.52	456		15	92	-376	-.05	-21	-27
07-17-51 1048340 2701591 5-71					12		13,301	3.59	477							
1156800 8URTONDALE PLUTO SENATOR.....*		16	5	2-31,34	31	2.7	15,372	3.36	516		20	56	+670	-.14	+4	+21
01-23-51 874002 2502092 5-71					13		14,204	3.58	509							
1157416 THONYMA MAUOLENE 8EETS-TWIN...*		9	49	3-13,23,	94	2.9	13,067	3.71	485		12	44	-10	-.01	-2	-2
01-16-51 917165 2492834 1-71				48	14		12,998	3.78	491							
1158310 RUSTIC CLYOE HILL FAVORITE....	41-25	202	5	12-34,41,	388	2.4	13,476	3.52	474		13	94	-222	-.09	-20	-22
05-12-51 1048340 2963220 9-70				42,43,47	15		13,687	3.62	495							
1160464 UNH REGAL SENATOR.....*		4	4	2-12,13	12	2.8	11,719	3.98	467	**	38		-281	+.07	-1	-8
10-30-51 1104276 2874989 5-71					15		12,293	3.82	469							
1160566 VELVEETA TRIPLE 8URKE PRINCE..	87-01	55	2	7-42,46,	72	2.6	12,943	3.49	452		9	81	-611	-.03	-26	-37
12-09-50 1071511 2931688 5-71				47,82,87	15		13,676	3.54	484							
1161288 COLD SPRING 8EAUTY IOEAL FO8ES*		5	6	3-35,55,	12	2.6	13,310	3.55	473	**	33		+145	+.01	+7	+10
04-12-51 1068871 2476024 5-71				64	9		12,745	3.49	445							
1161385 SHETLARS TIDY PONTIAC.....*		10	23	2-48,73	39	4.0	15,121	3.51	530		6	41	+20	-.05	-6	-4
09-08-51 1040291 2864430 1-71					19		15,196	3.63	551							
1163043 KENEVELYN SILVER ROCKET.....*	23-04	757	5	4-16,21,	2,325	3.1	14,180	3.94	558		7	99	-64	+.23	+29	+22
04-01-51 010212120 010760112 1-71				22,23	15		14,279	3.73	532							
1164196 JESS PA8ST ROAMER.....	33-03	16	2	10-21,23,	22	2.3	12,834	3.62	465	**	55		-87	-.01	-4	-6
08-14-51 859213 2987495 5-71				31,34,35	17		12,888	3.65	471							
1164218 TYPLUS COMMANDER 8URKE FO8ES..*		6	30	1-42	50	3.2	9,344	3.64	340	**	40		-476	.00	-17	-26
05-25-51 1068240 2270673 5-71					21		10,155	3.66	372							
1164350 KORNOYKE RE8URKE PA8ST.....*		2	17	2-35,51	19	3.1	10,887	3.73	406	**	28		-200	+.04	-2	-7
09-30-51 1003598 2539222 5-71					12		11,353	3.58	406							
1167629 WINTERTHUR CLIMAX SELECT GALEN*		2	20	1-21	24	3.4	11,933	3.58	427	**	30		-39	-.02	-4	-4
07-06-51 1024858 2205510 5-71					14		11,856	3.68	436							
1168480 HAWTHORN KING WAYNE REGAL.....*	51-02	212	3	8-23,51,	351	2.4	13,148	3.55	467		12	95	-376	-.13	-31	-35
12-21-51 1049406 2802686 1-71				52,54,56	22		13,501	3.70	500							
1168837 PLUM GROVE OUNLOGGIN TY VIC...		5	30	2-31,61	41	3.1	15,210	3.83	583	**	35		+220	+.07	+18	+21
07-04-51 923749 2612014 5-71					62		14,654	3.66	536							
1169149 CARNATION REVELATION CAESAR...*		5	23	4-13,14,	49	3.1	12,437	3.46	430		16	45	-368	-.03	-18	-24
04-22-51 943802 2814609 5-71				50,57	38		13,184	3.56	470							
1169267 JAYHAWK NEW MOOEL ARISTOCRAT..	35-75	43	1	13-21,35,	51	3.0	12,863	3.57	459		9	77	-88	-.07	-13	-13
04-16-51 827033 2622914 5-71				48,55,57	21		12,871	3.69	475							
1171324 OS8ORNOALE ERIC ROXANNE FO8ES.*		7	37	1-21	83	2.7	13,927	3.52	490		5	47	-193	+.04	-2	-7
07-16-51 934577 3183213 5-71					29		14,385	3.45	496							
1171453 PA8ST ROAMER REVELATION.....		208	5	8-35,41,	319	3.2	14,015	3.55	497		5	93	+525	-.10	+4	+17
06-28-51 859213 2365506 9-70				42,45,47	13		13,398	3.67	492							
1171458 PA8ST ROAMER AOMIN.....*		81	1	25-21,22,	90	1.7	14,320	3.57	511	**	84		-66	-.01	-4	-5
01-14-52 859213 2093043 5-71				23,31,57	28		14,451	3.59	519							
1171797 RUSSINWOOD RO8URKE KAPTAIN....	35-75	520	4	36-32,35,	1,039	2.4	13,272	3.54	470		13	98	-449	-.06	-24	-32
12-16-51 1024453 2751944 9-70				55,57,64	28		13,708	3.61	495							
1174286 THONYMA LADOIE EIGHT.....	35-75	16	14	11-13,35,	49	2.4	13,959	3.62	505	**	52		-235	-.05	-16	-19
02-10-52 886571 2854015 5-71				43,48,93	21		14,470	3.74	541							
1174679 ILEANA TY VIC PIE8E JOE.....	43-02	29	2	3-33,43,	39	2.7	12,183	3.85	469	**	70		-603	+.12	-6	-21
01-10-52 923749 2266626 5-71				57	14		12,944	3.68	476							
1175471 IDA-FALLS STYLEMASTER.....	35-75	497	6	34-55,82,	1,080	3.0	15,209	3.69	561		7	98	+329	+.09	+24	+28
11-20-51 1035459 2912140 1-71				87,91,93	41		14,975	3.61	540							
1175596 FRASEA IDEAL PILOT.....*		81	10	21-23,35,	196	3.2	14,581	3.70	539		5	86	-285	+.02	-7	-13
01-01-51 010182991 010543922 1-71				42,82,91	20		15,022	3.68	553							
1176736 8OLLMAN 8URKE M-O-W-TWIN.....*		8	12	4-31,34,	35	3.0	13,440	3.54	476		9	48	-15	.00	0	0
01-11-52 1001304 2305804 5-71				48,64	39		13,422	3.55	476							
1178303 GREENACRES GRAND SANAR.....*		6	58	1-23	85	3.1	15,168	3.59	545	**	39		+456	-.04	+10	+20
02-09-52 956539 3245577 5-71					14		13,997	3.72	521							
1178849 MISHVILLA ROAMDELL ROMEO OITTO	35-75	127	2	26-21,32,	167	2.6	14,107	3.55	501		11	91	-81	-.03	-7	-8
10-21-51 975137 2033904 5-71				34,82,93	37		14,225	3.59	510							
1179372 WIS INSIGNIA.....*	35-75	2,447	6	41-21,23,	5,966	3.1	14,898	3.62	540		9	99	+550	+.02	+23	+33
04-26-52 933122 2269236 1-71				32,34,48	20		14,391	3.61	519							
1179373 WIS SUPREME CRUSA0ER.....*	33-03	1,853	3	41-21,23,	3,210	3.0	14,194	3.61	512		10	99	+152	-.02	+3	+6
05-08-52 1046284 2252406 1-71				33,34,35	18		14,052	3.63	510							
1181767 QUALITY FO8ES JEWEL O8OY.....		4	33	3-12,13,	39	4.3	14,378	3.74	538	**	33		-38	+.01	0	-1
04-06-52 993764 2866330 5-71				14	18		14,556	3.72	542							
1181894 ROCKET PA8ST PIETERTJE.....*		4	14	1-34	24	2.0	13,906	3.43	477	**	34		-147	-.04	-11	-13
01-11-52 1066930 2561074 5-71					9		14,392	3.56	513							
1182696 AT8ITH T V RAG APPLE JIM.....*	61-02	931	6	25-31,33,	2,370	2.6	14,599	3.69	539		9	99	+698	+.03	+30	+43
12-14-51 923749 2790993 1-71				35,61,74	26		13,888	3.67	509							
1182925 8UTTERCUP OUNLOGGIN PRINCE....*		2	13	1-35	18	3.1	12,992	4.07	529	**	30		+93	+.06	+12	+12
10-29-51 915469 2633987 5-71					13		12,544	3.88	487							
1183120 PLAIN VIEW DOMINATOR.....	93-10	19	12	3-35,41,	69	1.6	15,308	3.64	557	**	61		-563	+.10	-7	-20
05-07-52 915940 2608304 5-71				93	34		16,490	3.50	577							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1183200 VERADELDA ECHO IRENE.....*	35-03	101	2	7-23,34,	161	2.7	13,874	3.60	500	12	90	-174	-.02	-9	-12
07-09-51 844122 2739993 5-71				35,55,61	15		14,082	3.64	512						
1183694 SAM BONHEUR BURKE.....		1	17	1-42	17	1.6	11,479	4.09	470	25	23	-339	+.06	-4	-12
11-02-49 1127709 2189379 5-71					19		12,860	3.82	491						
1185581 WHITE STAR SOVEREIGN MATADOR..*		4	4	1-31	13	2.9	12,443	3.67	457	**	37	-145	+.04	0	-4
08-16-52 1074742 2163563 5-71					15		12,709	3.59	456						
1188528 WIS IDEAL LEADER-TWIN.....*	12-03	369	8	10-11,12,	1,346	2.9	13,337	3.69	492	11	98	-708	-.03	-30	-43
08-25-52 915940 2892873 9-70				13,14,48	17		14,074	3.74	526						
1188731 MAN-O-WAR B F CRESCENT COMBINE*	35-05	312	7	23-33,35,	578	2.8	13,014	3.50	455	13	95	-944	-.10	-47	-64
06-20-52 1074603 2226900 1-71				41,42,85	19		14,011	3.61	506						
1190398 SKOKIE PRINCE CORONET.....*		3	34	1-35	40	4.8	13,306	3.43	457	**	35	+161	-.06	-2	+3
03-18-52 915469 2724579 5-71					6		12,718	3.64	463						
1190953 LANGE RE-CHARITY.....*	91-11	89	16	19-35,41,	203	2.5	14,457	3.67	530	9	81	+367	+.07	+23	+29
04-15-52 901195 2394985 5-71				42,55,81	17		14,009	3.58	502						
1191264 DONNANDALE IMPERIAL KEAN.....*		6	11	1-21	27	3.6	13,990	3.59	502	0	45	+28	-.01	0	+1
10-24-52 956081 3113439 5-71					16		13,925	3.60	501						
1191921 HIGH MEADOW FARM MASTER DEAN..	35-75	1,391	12	39-35,41,	3,845	2.4	14,717	3.63	534	10	99	-3	+.03	+4	+3
07-06-51 761977 3203892 1-71				55,91,93	58		14,807	3.60	533						
1192892 KYLANO CASCADE BURKE 9TH.....	65-02	40	8	3-34,35,	181	2.6	12,589	3.51	442	6	86	-387	-.01	-15	-22
01-09-52 1063862 2606722 5-71				65	8		12,941	3.52	456						
1193360 CLYDE HILL FOBES VERBENA-TWIN.	35-02	44	1	3-34,35,	48	3.5	13,760	3.55	489	**	77	+289	-.06	+2	+9
10-05-52 835633 2550842 5-71				43	12		13,321	3.63	484						
1193612 OAKBORO HURLWOOD IKE.....*	22-01	29	5	7-14,21,	53	3.1	15,537	3.65	567	11	70	+510	-.04	+13	+24
09-21-52 1024853 3212184 5-71				22,23,50	23		14,905	3.72	554						
1194868 MCDONOGH G R WINNER.....*		5	10	1-52	20	3.3	13,400	3.50	469	**	38	-301	+.03	-7	-14
08-05-52 1085100 3325937 5-71					18		14,235	3.44	490						
1195222 WIS STANDBY.....*		1	29	1-31	29	4.2	13,647	3.68	502	6	29	-81	+.03	+1	-1
12-14-52 915940 3262643 5-71					16		13,927	3.57	497						
1196261 PABST RAVEN REWAYNE.....*		132	1	15-13,16,	150	1.8	13,487	3.47	468	**	90	-451	-.12	-32	-38
12-20-52 909839 2669796 5-71				21,22,23	19		13,997	3.61	505						
1198047 THONYMA MAUOLENE AMERICAN BOY.	87-01	62	2	4-46,82,	92	2.8	14,529	3.48	506	17	85	+151	-.06	-3	+1
01-02-53 917165 2616898 5-71				84,87	11		14,396	3.55	511						
1198591 WAL-CO-FARM LADDIE TRITOMIA...*		4	38	4-23,35,	46	4.4	12,259	3.93	482	7	35	-145	+.09	+7	+2
04-08-52 943367 2769440 5-71				52,64	14		12,539	3.64	456						
1198696 GRAY VIEW PIOON CREATOR.....	41-25	786	7	15-35,41,	2,456	2.8	13,121	3.84	504	12	99	-524	+.14	0	-14
07-31-52 1094305 3167991 9-70				42,45,47	14		13,620	3.70	504						
1199240 RAYULMN DUKE.....		3	35	1-34	41	3.4	12,317	3.51	432	4	32	-228	+.02	-6	-11
03-08-51 1097003 2578002 5-71					31		12,928	3.47	448						
1199286 BRAUNS ARISTOCRAT.....*		8	22	3-41,42,	46	2.4	13,809	3.37	465	**	43	-182	-.06	-15	-17
07-29-52 1092436 2791401 5-71				46	6		14,271	3.52	502						
1199324 SKOKIE BENEFACTOR.....*	33-03	1,708	4	45-21,23,	3,380	2.9	15,653	3.58	561	8	99	+1,195	-.04	+37	+62
05-25-52 1115989 2314452 5-71				31,35,41	19		14,507	3.63	526						
1200681 LARRO APEX SELECT.....*	84-01	11	4	1-84	19	1.5	11,904	3.67	437	**	43	-607	+.06	-14	-27
07-26-52 952329 2728052 5-71					54		13,241	3.53	468						
1201288 MAYJO BREEZE BURKE.....*		4	19	2-23,35	40	4.1	12,097	3.95	478	**	44	-367	+.09	-1	-10
02-21-52 1139899 2963081 5-71					9		12,813	3.75	481						
1201949 HOWACRES HOMESTEAD BY-ROX.....*		9	16	2-13,14	31	3.9	14,699	3.62	532	**	41	+376	+.03	+18	+25
01-27-53 1038118 3123537 5-71					8		13,761	3.54	487						
1202262 WISCONSIN MASTER BURKE.....*	35-04	14	14	8-14,33,	37	2.8	13,119	3.46	454	0	47	-248	-.07	-19	-22
01-17-53 999669 3255083 5-71				35,61,74	15		13,615	3.64	495						
1203158 HICKORY CREEK ADVANCER-TWIN...*		8	25	1-74	37	2.5	14,267	3.52	502	**	35	-127	-.02	-7	-9
10-13-52 949159 2201394 5-71					49		14,706	3.59	528						
1204248 HICKORY CREEK HI POINT.....*		25	2	8-12,13,	38	2.8	14,061	3.61	507	**	68	-16	-.07	-11	-10
02-18-53 1111083 3347187 5-71				14,16,21	19		14,102	3.74	527						
1204515 ZELDENRUST MASTER-STROKE.....*	23-05	778	6	10-21,23,	2,443	2.7	13,619	3.69	503	13	99	-281	-.04	-15	-20
01-03-53 1028260 2649438 9-70				32,51,54	13		13,900	3.75	521						
1204561 WIS LEADER KNIGHT.....*		8	6	2-23,35	22	3.2	13,638	3.29	449	**	48	+103	-.10	-11	-6
12-03-52 915940 3255084 5-71					10		13,365	3.52	471						
1204710 IVA-NAN REGAL LAD.....*		7	3	2-32,42	19	2.6	13,055	3.54	462	13	49	-248	-.02	-12	-16
11-06-52 1156639 2720442 5-71					8		13,518	3.60	486						
1205083 B D I EMGOCH RULER.....*		7	43	3-12,13,	88	3.4	13,494	3.62	488	5	47	-194	+.01	-6	-10
12-11-52 857269 2856959 5-71				14	30		13,904	3.61	502						
1205185 LAVACRES DU VAR.....*	93-15	19	143	4-22,52,	329	2.7	15,125	3.67	555	6	50	-129	+.06	+3	-1
07-06-52 879145 2354013 1-71				86,93	103		15,544	3.56	554						
1205620 GRAY VIEW BURKE PROMOTER.....*		7	25	2-52,63	44	4.3	13,427	3.53	474	4	42	+39	-.01	0	+1
05-03-53 895911 2396014 5-71					25		13,268	3.56	472						
1205900 SUPREME SPRING FARM HOPE.....*		4	8	1-48	21	3.0	11,644	3.78	440	**	41	-780	+.03	-24	-40
09-13-51 010212300 010479340 5-71					10		13,522	3.71	502						
1206115 THONYMA SKY WRITER.....*		2	11	1-43	18	3.6	14,271	3.56	508	**	34	+293	.00	+10	+16
10-06-52 1136810 3186458 5-71					9		13,339	3.55	474						
1206268 DISTINCTION LADDIE IKE-TWIN...*		12	4	5-35,41,	27	2.7	14,887	3.45	514	**	56	+465	-.07	+6	+17
01-09-53 1091010 2929396 5-71				43,46,86	36		14,071	3.58	504						
1206916 H M H LA ONA BURKE.....		2	13	1-48	15	2.3	11,370	3.45	392	**	27	-205	.00	-8	-12
12-29-52 1125373 1779443 5-71					9		11,936	3.48	415						
1208003 COLLINS-CREST REGAL FOBES.....*		56	4	5-21,23,	106	3.1	15,063	3.57	538	**	83	+229	.00	+8	+13
03-13-51 955097 2375378 5-71				52,55,84	23		14,882	3.57	531						
1208821 ERIE DARK MIDNIGHT DEEN.....*		2	8	2-16,21	10	4.4	12,851	3.49	449	**	26	+22	.00	+1	+1
02-24-53 1081900 2629602 5-71					36		12,636	3.47	438						
1208970 ZELDENRUST T M GRAND PARADER..*		1	19	1-32	19	4.0	13,903	3.23	449	**	28	+72	-.05	-5	-2
02-27-53 1028260 3285112 5-71					19		13,615	3.43	467						
1209385 LASHBROOK CARNATION PROGRESSOR*		8	15	2-32,41	35	2.5	14,105	3.26	460	19	43	-87	-.13	-21	-20
07-12-52 1054495 2318497 9-70					10		14,353	3.57	513						
1210268 WHITILL ARISTOCRAT ROGER.....*		7	2	6-31,33,	10	1.8	13,081	3.59	470	0	35	-33	+.01	0	-1
01-25-53 1058580 3143518 1-71				35,57,74	32		13,093	3.59	470						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1211325 NJES EUNICE HAZELWOOD ABILITY.*	22-01	45	5	3-14,21,	107	2.5	13,965	3.49	487	**	82	+337	-.14	-8	+2
03-12-53 898193 2777245 5-71				22	21		13,509	3.69	498						
1213164 WINTERTHUR ZEUS VICTOR ILEX...*	21-01	2,058	5	17-13,14,	4,981	3.3	14,492	3.60	522	12	99	-423	+.03	-11	-20
03-21-53 931354 2962833 1-71				16,21,23	21		15,026	3.57	537						
1213698 DAWNVALE SOVEREIGN ARA8.....*	16-04	387	5	12-13,14,	812	3.0	14,639	3.86	565	11	97	-60	+.17	+22	+17
08-26-53 951058 2841126 1-71				15,16,21	21		14,786	3.70	547						
1214359 EDH ADMIRAL BEAUTY WIMPLE LAD.		8	26	3-48,71,	46	2.9	13,823	3.38	467	18	40	-69	-.06	-11	-11
12-14-52 1061903 3091216 5-71				73	21		14,001	3.54	495						
1214602 CARNATION PROGRESSOR VICTOR...*		9	76	4-48,71,	93	3.4	13,086	3.65	477	**	36	-191	+.01	-5	-9
05-07-53 808292 3402220 5-71				73,74	41		13,577	3.62	492						
1214604 CARNATION GOVERNOR HAMPTON....*	56-01	20	6	1-56	57	3.4	12,264	3.60	441	**	70	-97	+.03	+1	-2
05-18-53 837650 2235325 5-71					40		12,234	3.54	433						
1214708 THDNYMA VOYAGEUR KING.....		2	17	1-48	27	2.4	15,948	3.27	522	**	34	+244	-.10	-6	+1
06-10-53 1086797 2819899 5-71					7		15,375	3.56	547						
1215403 CDCHRAN SOVEREIGN BRANDY.....*		2	12	1-22	20	4.3	14,525	3.55	515	0	38	+126	-.04	-1	+2
09-07-53 959121 3081828 5-71					16		14,217	3.67	522						
1215446 PABST JEWEL.....	72-01	30	4	4-23,51,	66	3.0	13,815	3.40	470	11	77	-52	-.01	-3	-4
09-25-53 915940 2870459 5-71				65,72	15		13,877	3.40	472						
1215448 SKOKIE GOLDEN CORONET.....*	93-02	78	17	17-23,33,	318	2.4	15,260	3.56	544	11	87	-31	-.06	-9	-8
05-31-53 1079736 2724579 1-71				51,85,93	52		15,447	3.64	562						
1215557 B D I BURAUTGOV JIM.....*		4	8	1-31	20	2.8	13,230	3.50	463	0	40	-297	+.02	-8	-14
05-25-53 833599 3421252 5-71					44		13,987	3.45	483						
1215664 ALCAYS WINTERTHUR PRINCE.....*		2	14	2-11,34	16	2.5	10,727	3.65	392	**	27	-370	+.01	-12	-20
04-06-52 1005816 2522512 5-71					5		11,896	3.65	434						
1215687 CURTISS CANDY DELLA MADCAP....*	33-03	102	1	23-21,23,	111	3.2	13,604	3.40	463	**	88	+108	-.18	-22	-15
05-02-53 975683 2215591 5-71				31,32,35	14		13,430	3.63	488						
1215958 PABST CYCLONE.....*	33-03	146	2	32-16,21,	183	2.8	14,802	3.58	530	13	92	+697	-.03	+21	+36
08-22-53 931354 2986595 5-71				23,31,35	27		14,057	3.61	508						
1216207 GERART BURKE LOCHINVAR.....	42-02	66	3	8-23,34,	100	2.7	12,597	3.61	455	25	83	-562	.00	-20	-31
07-23-53 909839 3310644 5-71				35,42,73	14		13,197	3.61	477						
1216431 EDNACHESTER CDMET ROBURKE.....*		9	2	2-13,21	14	4.4	15,960	3.47	554	**	48	+503	-.04	+13	+24
10-24-53 1163488 3258842 5-71					31		15,022	3.52	529						
1216640 RDSE VILLA ADMIRAL 8.....*		4	7	1-35	18	3.1	14,027	3.36	471	0	39	+33	-.04	-5	-3
10-17-53 1054221 2780034 5-71					9		13,941	3.48	485						
1216722 KAUFMAN BURKE SIR GALAHAD-TWIN*		5	17	2-23,31	24	2.5	14,531	3.55	516	**	32	+112	-.04	-2	+1
07-26-53 1091007 3178855 5-71					26		14,207	3.72	528						
1216957 JESS PABST LEADER.....*	33-03	3,231	4	46-21,23,	6,327	2.8	14,118	3.69	521	10	99	+28	+.06	+10	+9
09-06-53 915940 2987495 1-71				18	18		14,106	3.63	512						
1217138 SWAM COLANTHA MATADOR FOBES...*		7	5	2-23,51	18	2.9	13,364	3.43	458	15	44	-38	-.13	-20	-18
07-16-53 883101 2412392 1-71					7		13,399	3.78	506						
1217330 FAYNE PIEBE CARNATION SULTAN..		2	22	1-42	26	2.9	16,560	3.53	585	**	29	+660	-.02	+21	+35
07-19-53 1104160 2716396 5-71					5		14,347	3.60	516						
1217639 LAVACRES DUSTY JO PEGASUS.....	91-13	177	60	20-12,52,	1,112	2.2	15,390	3.72	573	9	88	-514	+.15	+1	-13
07-11-53 1117035 3276942 1-71				91,92,93	76		16,199	3.57	579						
1218021 DON-MAR SEVEN PREMIER.....*		8	5	4-31,33,	22	3.2	12,648	3.85	487	**	49	-215	+.12	+9	+2
09-29-53 933074 3125815 5-71				35,74	18		12,996	3.57	464						
1218219 WIS SPOTLIGHT.....*		9	15	5-47,55,	33	3.2	12,758	3.51	448	**	43	-118	-.01	-6	-8
11-01-53 933122 2477373 5-71				56,63,74	15		12,938	3.56	461						
1218621 W I S PACESETTER.....*		1	12	1-35	12	2.7	10,315	3.67	379	**	22	-222	+.01	-6	-11
04-05-53 1152691 2284131 5-71					18		11,018	3.62	399						
1218625 PIETERTJE POLLED PROGRESSOR...*		4	8	3-35,52,	17	2.4	12,257	3.48	427	**	34	-292	.00	-10	-16
10-20-53 1126403 2533233 5-71				61	10		13,015	3.49	454						
1218985 WOODGLEN MADCAP PRIDE.....		1	15	1-47	15	1.0	11,599	3.53	409	0	20	+104	.00	+4	+6
07-02-53 1136126 2661761 1-71					1		10,751	3.52	378						
1219137 MOOSEHEART SUPREME TRADE-MARK.*		2	12	1-34	14	4.6	15,233	4.00	609	29	28	+242	+.11	+24	+26
10-11-53 1109640 3280608 5-71					37		14,428	3.66	528						
1219882 MARSHLINE CLYDE HILL PABST....*		5	10	1-21	23	4.0	14,255	3.75	535	**	41	-251	+.04	-3	-9
11-28-53 1160415 3199971 5-71					8		14,967	3.66	548						
1220267 MARPENDALE BLAZING COMET.....*		4	8	1-35	20	2.6	12,741	3.84	489	**	40	-93	+.08	+8	+4
02-27-53 1091409 2977531 5-71					9		12,869	3.61	465						
1220480 WIL-RU ADMIRAL PRIDE.....*		5	16	1-34	26	2.7	14,578	3.78	551	29	35	+182	+.03	+11	+14
10-11-53 1063673 3122940 5-71					9		14,065	3.71	522						
1220548 VIGO BURKE ADMIRAL JOE.....*		3	28	1-35	32	4.0	10,571	3.57	377	**	31	-381	.00	-14	-22
09-07-53 950648 2540636 5-71					11		11,548	3.61	417						
1220585 WOODBINE SOVEREIGN LAD.....*		7	33	4-23,51,	46	5.2	14,888	3.57	531	9	38	+258	-.02	+6	+12
12-31-53 977110 3354144 5-71				52,55	9		14,241	3.63	517						
1221082 ORMSBY RAG APPLE SOVEREIGN D..*		16	7	6-21,23,	37	2.2	11,506	3.57	411	**	56	-381	-.02	-16	-23
11-27-48 010155159 010488132 5-71				51,52,54	19		11,997	3.63	435						
1221734 TALLCORN DICTATOR ROAMER.....*		4	12	1-42	29	2.8	11,033	3.72	410	19	42	-535	+.04	-14	-26
06-20-53 1059274 2674860 5-71					8		12,141	3.63	441						
1221754 SKOKIE GOLDEN STYLIST.....*	22-03	206	7	6-13,21,	638	3.1	14,171	3.80	539	7	96	-55	+.12	+15	+11
04-09-53 1079736 2900034 9-70				22,23,51	24		14,261	3.69	526						
1221901 CASH-MAR ORMSBY ACE.....*		6	8	1-32	25	4.3	14,081	3.65	514	**	47	+299	-.02	+8	+14
08-08-53 924264 3363039 5-71					7		13,389	3.70	496						
1222607 STODKEYHOLM REX TIM-TWIN.....*		10	7	2-32,34	29	3.3	11,750	3.66	430	**	51	-558	-.01	-22	-33
09-09-53 1167029 3023521 5-71					20		12,718	3.71	472						
1222746 KRO-HOME HOMESTEAD PRINCE.....*	63-02	42	6	5-35,51,	104	3.3	12,772	3.64	465	3	81	-258	+.03	-5	-11
12-13-52 943799 3298352 5-71				55,63,65	14		12,998	3.61	469						
1222898 CHAUTAUQUA DRMSBY CEYDERMEAD..*		1	21	1-23	21	3.5	13,885	3.30	458	**	28	+11	-.01	-1	-1
09-29-53 909229 3375301 5-71					44		13,834	3.33	461						
1222990 HARDEN FARMS DUKE WAYNE.....*		19	24	5-16,21,	67	4.0	14,701	3.68	541	**	53	+202	-.03	+3	+8
11-11-52 1112211 3379024 5-71				23,51,52	17		14,363	3.75	538						
1222993 HARDEN FARMS DUKE TDRIN.....*		17	1	3-21,42,	21	4.1	14,967	3.44	515	**	59	+665	-.09	+11	+26
09-17-53 1112211 2938486 5-71				51	22		13,831	3.59	496						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	%	FAT	% 1ST REPT	PREDICTED DIFFERENCES MILK	%	FAT	$$
1222994 HAROEN FARMS OUKE MARK.....	35-75	1,426	7	40-21,32,	3,662	2.1	15,696	3.61	566	9 99	+749	-.01	+26	+41
11-23-53 1112211 3061491 9-70				35,55,93	37		15,052	3.61	544					
1223746 AOMIRAL WALKER LAUXMONT.....*		8	25	1-23	37	3.8	14,319	3.90	558	** 37	+245	+.06	+18	+21
12-30-52 769170 2754350 5-71					17		13,626	3.74	510					
1224259 ELMVALE CHIEFTAIN.....*		16	48	1-21	101	2.8	15,971	3.97	634	11 46	-205	+.16	+15	+7
01-09-54 1178025 3076211 5-71					16		16,698	3.67	613					
1224328 PA8ST LEAOER WALKERO.....*		8	7	4-23,35,	21	2.9	12,190	3.95	481	** 43	-544	+.05	-13	-25
01-21-54 915940 3434800 5-71				48,52	14		13,403	3.83	514					
1224496 L STA8LES ORMS8Y PETER PAN....*		4	30	1-35	36	3.5	15,537	3.89	604	6 33	-43	+.01	0	-1
11-29-53 901752 3473061 5-71					10		15,865	3.88	615					
1224837 S V F MARIO VAR OUTCHLANO.....	61-02	389	5	14-22,31,	884	2.7	13,994	3.64	509	11 97	-104	+.03	0	-3
12-23-53 1017797 2872651 9-70				74,84,85	20		14,119	3.61	510					
1224894 8URRILANE CHIEFTAIN.....	93-05	51	6	6-82,86,	153	2.2	15,228	3.59	546	18 85	-311	+.04	-6	-13
08-22-53 1133486 2090894 5-71				87,91,93	96		15,778	3.55	560					
1224974 ROSAFE SUPREME REFLECTION.....*		134	4	25-21,23,	195	2.1	13,492	3.74	505	** 90	-541	+.09	-8	-21
01-01-54 010121004 3761272 5-71				31,34,57	54		14,115	3.66	516					
1225983 OISTINCTION JEWEL PROFILE.....*		9	17	3-31,35,	32	3.8	13,578	4.02	546	** 41	-225	+.12	+8	+1
12-05-53 1169417 2929392 5-71				56	14		14,148	3.73	528					
1226192 OAN8ORO CRESCENT CONQUEROR....*		7	5	1-22	19	3.4	13,944	3.55	495	** 45	+114	-.08	-7	-3
11-18-53 1024853 3212184 5-71					13		13,665	3.75	513					
1226288 CARDLOALE PRIOE CHAMPION.....*		9	5	3-21,31,	23	2.1	14,445	3.63	524	** 49	+13	-.01	-1	0
02-28-53 1007881 2594575 5-71				34	15		14,470	3.67	531					
1226332 NORTH CAROLINA PROSPECT ED....*	55-01	29	12	1-55	133	2.3	14,818	3.66	542	30 77	-189	+.06	+2	-3
01-08-54 813911 2615548 5-71					30		15,190	3.57	543					
1226343 8ROAO ROCK OUKE ZIV.....*		4	9	1-21	14	3.3	14,177	3.26	462	** 31	+93	-.06	-5	-2
02-03-54 956533 2982118 5-71					20		13,872	3.46	480					
1226549 CAPE SPRINGS POSCH RAG VICTOR.		5	4	2-82,91	15	1.4	14,170	4.18	593	** 37	-300	+.17	+12	+2
09-01-52 1049733 2699688 5-71					12		15,099	3.75	566					
1226644 ARLINOA ELSIE ROME.....	93-02	5	5	1-93	17	2.5	15,325	3.61	553	** 41	-347	+.01	-11	-18
08-20-53 1150470 2928862 5-71					107		16,424	3.59	590					
1227212 HEDGE AOEAN 8ELVIDERE.....*		19	9	5-11,12,	60	3.3	14,174	3.65	517	3 66	-53	.00	-2	-3
12-29-53 859510 3258272 5-71				13,14,16	17		14,291	3.67	524					
1227556 DE-WA-SEE LAUXMONT OANOY LAD..*		2	12	2-32,34	14	3.9	17,037	3.50	596	** 28	+137	-.04	-1	+3
02-17-54 955493 3150755 5-71					10		16,842	3.66	616					
1227852 CURTISS CANOY GRANO SPARK.....*		3	13	3-33,35,	18	4.7	13,078	3.58	468	** 34	+317	-.02	+9	+16
02-26-54 906000 3411755 5-71				57	9		11,954	3.64	435					
1227898 MT JOSEPH POSCH LASH.....*		12	23	2-47,48	68	3.5	12,856	3.69	474	** 55	-14	+.03	+3	+2
12-10-52 1013415 3311383 5-71					16		12,766	3.63	464					
1229191 STARKSFORO ORMS8Y TAYLAKER....*		9	10	2-92,93	32	2.1	13,305	3.63	483	** 47	-833	-.02	-33	-49
11-10-53 1080616 2788481 5-71					29		15,206	3.68	560					
1229310 PUGET SOUNO COUNT.....	93-03	11	7	3-86,87,	32	2.3	15,220	3.42	520	28 53	-152	-.10	-19	-20
01-10-53 1175596 3278701 5-71				93	137		15,683	3.59	563					
1229324 CRESCENT BEAUTY SELECT.....*		11	33	3-51,52,	70	3.4	13,834	3.64	504	8 47	-69	-.03	-7	-8
02-22-54 1074603 2879407 5-71				54	22		13,987	3.74	523					
1229660 ST CROIXCO DE KOL ECHO.....*		14	27	4-33,35,	109	2.4	14,955	3.54	529	12 59	+640	-.02	+20	+33
01-24-54 1171453 3285029 5-71				41,45	20		13,867	3.56	494					
1229810 TEXANS PRINCE MAGNIFICENT JOE.*		6	5	1-74	12	2.8	13,310	3.58	476	** 36	-285	+.06	-2	-9
01-09-54 987453 2684479 5-71					18		14,136	3.42	483					
1229895 POSCH TRANSMITTER CARNATION...		4	11	2-41,42	23	3.0	10,602	3.45	366	** 38	-670	+.01	-23	-36
08-21-53 1151899 3518886 5-71					3		12,171	3.46	421					
1229968 GLENAFTON VIKING.....*		11	25	2-12,16	45	3.0	13,909	4.18	581	3 42	-220	+.17	+16	+8
11-15-51 010137532 010771467 5-71					35		14,496	3.77	547					
1230164 RENSINK REGAL PRIMROSE.....	35-75	395	4	17-32,52,	813	2.8	13,070	3.58	468	9 98	-277	+.01	-9	-15
11-12-53 1139172 2957577 1-71				55,57,64	26		13,290	3.58	476					
1230569 AB8EKERK PONTIAC TRITOMIA.....*		4	7	1-23	12	2.8	16,210	3.50	568	0 30	+399	-.04	+9	+18
02-12-54 1155421 2483935 5-71					11		14,998	3.63	544					
1230597 MAPLE GROVE CHRISTY BURKE.....		126	2	21-35,41,	196	2.4	14,305	3.43	490	10 92	+249	-.17	-15	-6
03-27-54 1127121 3289873 5-71				43,47,48	17		14,043	3.62	508					
1230640 POLYTECHNIC IMPERIAL MONTVIC..	35-75	461	6	31-32,52,	1,071	2.7	14,273	3.58	511	12 98	+74	-.03	-1	+1
01-02-54 878257 2743702 9-70				55,57,58	32		14,225	3.61	514					
1230641 POLYTECHNIC IOEAL VICTOR.....	87-01	62	3	3-82,83,	101	2.5	13,794	3.55	489	15 84	-756	+.05	-21	-37
03-19-54 988912 2847924 5-71				87	14		14,778	3.50	517					
1230801 MARSHFIELD HAMTER ORMS8Y.....*		13	8	3-50,52,	32	3.2	16,270	3.44	560	** 53	+589	-.10	+6	+20
11-17-52 901512 2519783 5-71				55	23		15,299	3.62	554					
1230960 COCHRAN SOVEREIGN ANTONIO LAO.	22-03	90	4	3-22,23,	179	2.8	12,295	3.85	473	15 90	-1,266	+.15	-27	-55
01-26-54 959121 3214787 5-71				51	29		13,683	3.69	505					
1231051 THE OUKE ZELOENRUST.....	34-01	360	3	11-13,21,	569	2.3	13,021	3.69	481	23 97	-788	+.12	-13	-31
08-02-53 924264 2645677 9-70				31,32,34	18		13,825	3.58	495					
1231065 WIS 8URKE CHIEF IOEAL.....	41-25	33	3	2-42,47	74	3.3	13,401	3.52	472	14 80	+140	-.04	0	+4
04-27-54 1180791 3465727 5-71					16		13,146	3.58	470					
1231330 8UTTERFLY LOCHINVAR GA8LE-TWIN*		9	35	1-23	64	4.2	13,738	3.79	520	3 45	+26	+.03	+5	+5
06-08-54 944219 2839412 5-71					13		13,650	3.74	510					
1231830 SHAWS FAYNE ROYAL CONQUEROR...*		37	9	8-11,12,	84	3.2	14,405	3.87	557	14 73	-450	+.12	0	-12
04-02-54 1019118 2730413 5-71				14,16,55	23		15,144	3.73	565					
1232249 RO8URKE COMMANDER.....*	33-03	177	1	23-21,23,	199	3.2	13,842	3.55	492	13 93	-159	-.09	-18	-19
01-17-54 1024453 3138393 5-71				31,33,35	16		14,022	3.66	513					
1232707 REMO RAYWICWEIT SCHWA8 HSF....*		3	14	1-57	18	3.4	13,112	3.39	444	** 30	-158	-.03	-10	-12
09-28-53 1116074 3545312 5-71					21		13,602	3.50	476					
1232752 STEEL-8ILT ORMS8Y FO8ES OELLA.		3	33	3-22,31,	37	3.0	12,004	3.82	459	21 31	-236	+.06	0	-6
09-29-53 1181485 3408905 5-71				52	34		12,648	3.63	459					
1233011 EARLEOALE ORAL NEPTUNE.....*		3	7	3-32,91,	10	3.7	15,224	3.48	530	** 29	+18	-.01	-1	0
02-18-54 910991 3288385 5-71				93	32		15,297	3.53	540					
1233033 KITCO 8ARON YUKON IKE.....*		7	14	1-21	44	3.7	13,437	3.61	485	18 52	-688	+.04	-19	-34
12-26-53 1151622 3054709 5-71					19		14,841	3.54	526					

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1233302 SHANGHIGH EXEC TRITOMIA OON...*	31-01	141	3	3-31,74,	226	2.7	13,449	3.75	505	12	93	-927	+.14	-15	-37
01-12-54 895911 3021354 5-71				84	17		14,509	3.62	525						
1233617 TEE-OEE OEAN WAYNE A 8.....*		6	17	2-21,23	27	3.2	12,984	3.91	508	**	36	-168	+.04	0	-4
09-24-53 837025 3364503 5-71					13		13,402	3.82	512						
1233672 MEISEGEIER SE8ASTIAN SHOW8OY..*	35-07	11	2	4-33,34,	15	4.1	13,499	3.73	503	10	51	-57	+.03	+2	0
11-13-53 1177959 3427213 5-71				35,41	11		13,577	3.67	498						
1233694 REDSTONE SOVEREIGN ALEX.....*		5	29	4-13,15,	36	3.4	14,437	3.47	501	6	34	+59	-.04	-4	-2
06-07-54 1164044 2423266 5-71				21,23	22		14,299	3.62	517						
1233704 RAVENOALE ROYAL PRINCE.....*		2	20	1-33	22	2.8	13,860	3.76	521	22	28	-119	+.01	-3	-6
09-05-53 1120164 2593781 5-71					14		14,332	3.75	538						
1233776 CARNATION MAOCAP MANAGER.....*		9	2	4-31,82,	15	2.3	17,094	3.57	611	**	45	+234	-.04	+3	+9
05-02-54 837650 3700611 5-71				91,93	58		16,864	3.65	615						
1234135 JULE FO8ES MCKINLEY KING.....*		3	11	1-31	23	4.4	12,233	3.51	429	0	40	-199	-.05	-14	-17
11-16-53 929716 3158735 9-70					8		12,596	3.67	462						
1234490 PATHWAY IOEAL KING.....*		14	71	6-33,35,	108	3.1	14,332	3.68	527	3	41	-152	.00	-6	-9
04-23-54 1140346 3304797 5-71				41,42,58	25		14,794	3.72	550						
1234507 QUIN LYNN MILKMAN 8UODIE-TWIN.		4	20	2-48,57	26	2.1	13,523	3.21	434	19	30	+211	-.05	0	+5
04-04-54 1188544 2963452 5-71					19		12,701	3.39	430						
1235082 WIS IOEAL PREMIER.....	63-02	78	3	4-52,58,	143	3.6	12,495	3.61	451	**	89	-465	.00	-17	-26
07-08-54 933122 2980143 5-71				61,63	14		12,915	3.62	468						
1235750 PHILHAVEN JO VALE PRINCE.....	42-08	83	7	4-33,42,	182	2.9	13,132	3.48	457	13	87	+98	-.08	-7	-3
03-08-54 1007357 2691858 5-71				47,73	19		12,916	3.58	462						
1235977 SKOKIE GOOO STYLIST.....		7	39	1-61	83	2.6	13,950	3.78	527	11	46	+355	+.04	+18	+24
04-03-54 1199324 2900034 5-71					26		13,089	3.71	485						
1236249 TESS ORMSBY SPARKER.....	33-03	156	1	24-21,23,	181	2.8	12,376	3.64	451	14	92	-869	.00	-32	-49
03-09-53 1081684 2116842 5-71				32,34,35	13		13,254	3.66	485						
1236344 HEERSCHE OEMONSTRATOR FINIS...*		5	16	1-73	25	2.9	14,260	3.48	496	**	35	-146	+.02	-2	-5
02-24-54 1155469 2819735 9-70					37		14,767	3.42	505						
1236721 ZIMMERMAN HOMESTEAO ROSTAR....	93-02	17	27	2-86,93	102	1.5	17,576	3.54	622	**	54	+914	.00	+33	+51
05-26-53 1156775 3049980 5-71					153		16,112	3.53	568						
1236789 ELMER 8ROOK ARISTOCRAT.....	35-03	328	11	24-21,35,	1,415	2.1	15,817	3.66	579	9	97	+958	-.01	+33	+52
03-09-54 903212 2665113 5-71				41,42,93	41		14,930	3.68	550						
1236850 LOS RO8LES ORMS8Y SIR PAT.....*	93-01	35	21	3-86,88,	131	2.2	15,494	3.47	538	**	68	+42	-.05	-5	-3
05-20-54 1153094 2695422 5-71				93	52		15,598	3.53	551						
1236897 NACHES IOAHO CHIEFTAIN.....	93-05	34	2	4-82,91,	50	2.2	13,899	3.72	517	**	74	-285	+.09	+2	-6
04-08-54 1126534 2080971 5-71				92,93	26		14,326	3.60	516						
1236901 CLYDE HILL ORMS8Y CORONA.....	34-01	148	2	6-32,34,	182	2.7	13,750	3.43	471	17	92	-268	-.13	-28	-30
06-12-54 1202702 2524658 5-71				42,43,48	16		14,054	3.57	502						
1237051 TERRACE FARM AOBURKE SENSATION*		7	2	5-21,23,	10	2.9	14,167	3.53	500	0	39	+237	-.04	+3	+9
08-28-53 1111073 2603093 5-71				34,41,93	13		13,509	3.64	492						
1237057 IRVINGTON PRIOE AOMIRAL.....*	33-03	2,920	6	48-21,23,	7,022	2.4	15,433	3.52	544	9	99	+740	-.11	+11	+28
08-03-54 1112030 2728655 1-71				31,33,35	24		14,773	3.63	536						
1237269 WIS HEAOLIGHT.....*	35-01	19	14	4-21,33,	64	3.1	14,522	3.48	506	6	61	+313	-.08	0	+8
08-10-54 1192327 3531155 5-71				35,74	10		14,015	3.61	506						
1237329 8ROAOWATER JIM.....*		1	11	1-31	11	2.8	12,787	3.28	419	**	23	-57	.00	-2	-3
09-11-53 1191955 3592943 5-71					22		12,934	3.29	425						
1237335 COLLEGE 8 8 TRITOMIA.....*		2	7	1-84	14	3.9	13,607	3.45	469	**	34	-58	-.01	-4	-5
04-05-54 1045578 2864716 5-71					47		13,762	3.51	483						
1237822 DIAMONO S SIR TRIUNE CCAA VAR.*		6	14	1-93	23	2.3	16,177	3.57	577	0	34	+71	.00	+2	+4
01-23-54 879145 3327014 5-71					121		16,192	3.57	578						
1238213 ROCKCREST ADMIRAL ROCKET.....*		3	62	3-33,35,	66	4.6	12,931	3.37	436	**	33	+306	-.06	+2	+10
07-10-54 1113528 2925886 5-71				42	26		11,801	3.57	421						
1238701 8AOGERLAND 8URKE KNIGHT.....*		5	5	1-35	13	3.7	13,337	3.43	458	0	38	-27	-.08	-12	-11
04-18-54 1183731 3037168 5-71					11		13,352	3.68	491						
1238947 ALTURA WHITE LILLIAN REX.....		2	18	1-41	36	2.2	14,100	3.57	503	**	39	+124	+.03	+9	+11
03-30-53 1167340 3329454 5-71					5		13,762	3.47	477						
1238956 UNH HERCULES.....*		1	17	1-55	17	3.5	12,825	3.84	492	11	27	-217	+.06	0	-6
09-13-54 1184889 2726492 5-71					12		13,616	3.63	494						
1239069 EILLOC SOVEREIGN MILESTONE....		8	38	7-34,47,	72	3.6	14,059	3.66	515	7	45	-178	+.08	+5	0
02-05-54 010214469 3474047 5-71				48,55,86	31		14,517	3.47	504						
1239126 GRAY VIEW NAVIGATOR 8LENO.....*	41-01	14	8	5-35,41,	36	3.3	14,193	3.77	535	4	55	+33	+.03	+6	+6
01-06-54 1139159 3288921 5-71				45,72,74	15		14,155	3.72	526						
1239279 ELM-8ECCA LAOYSMAN.....*	35-05	113	5	9-23,33,	187	2.6	12,822	3.70	474	14	89	-1,007	+.03	-33	-54
08-13-54 977110 3232614 5-71				35,41,42	15		13,954	3.68	513						
1239464 WEHRMANA GYPSIE 8ILL.....	42-02	90	2	5-35,41,	126	3.1	13,712	3.67	503	10	89	+412	+.06	+23	+30
09-13-54 987497 3858133 5-71				42,43,73	11		13,172	3.60	474						
1239480 CULVER LIEU OICTATOR LEADER...*	32-02	30	30	4-32,33,	139	2.4	14,969	3.76	563	8	63	+321	+.03	+16	+22
03-25-54 1145788 3099707 5-71				55,57	19		14,518	3.73	542						
1239589 MT JOSEPH ORMS8Y RO8OT.....		6	4	1-41	15	2.9	12,680	3.58	454	9	43	-61	-.01	-3	-4
03-08-54 1010254 3373020 5-71					12		12,700	3.61	458						
1239792 ELMWOOO COMMANOER KING.....*		5	6	4-33,35,	12	3.9	11,507	3.33	383	**	35	-70	-.05	-9	-9
03-15-54 1074603 3219962 5-71				48,52	28		11,463	3.52	403						
1240054 HICKORY CREEK PRINCE LAUXMONT.*		3	9	1-21	13	3.7	12,642	3.62	458	25	29	-230	+.02	-6	-11
10-11-54 949159 3250160 5-71					14		13,393	3.60	482						
1240113 EE-OAH-HOW APACHE CHIEF.....		5	12	1-82	37	3.1	15,251	3.40	519	0	50	+65	-.02	0	+2
12-15-53 1097755 3211972 5-71					9		15,252	3.42	521						
1240509 SKOKIE CREATION ROYALIST.....	33-03	22	3	14-11,21,	34	3.1	15,178	3.69	560	17	65	+633	-.04	+17	+31
08-25-54 1126982 2731005 5-71				33,41,48	20		14,229	3.77	537						
1240549 DIAMONO S-MR 8EAUTY 8A VAR....	35-75	1,124	11	42-42,48,	2,992	2.1	14,697	3.62	532	12	99	+76	+.02	+6	+7
04-09-54 879145 2682027 9-70				55,57,93	44		14,695	3.59	528						
1240706 SHAWS CONQUEROR TIOY CRETE....*		3	12	1-23	25	3.8	14,922	3.76	561	**	42	+237	+.04	+14	+18
07-22-54 972500 2628227 5-71					9		14,398	3.69	531						
1240965 HAIGSEE CELE8RITY PAT.....*		1	19	1-23	19	4.2	15,289	3.79	580	**	28	-106	+.02	-1	-4
05-16-53 010219083 010614670 5-71					31		15,857	3.77	598						

REGISTRATION NUM8ER NAME OF 8ULL	STUD CODE	NUM8ER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1241276 HIGH MEADOW FARM ADA.....	51-02	318	5	7-23,31,	757	2.5	13,437	3.66	492	10	97	+207	-.01	+6	+10
09-10-54 846425 2997745 1-71				43,51,52	17		13,144	3.68	484						
1241389 MANCRYCO INKA RAG APPLE.....	63-02	86	10	3-42,63,	275	2.9	13,133	3.68	483	**	90	-407	+.09	-2	-12
01-08-54 918396 2556098 1-71				64	14		13,549	3.58	485						
1241600 SLEEPY HOLLOW SUPER8 PRIDE....	93-10	10	4	1-93	26	2.0	15,824	3.60	570	**	53	+150	+.03	+9	+11
04-19-54 889802 2661996 5-71					28		15,720	3.55	558						
1241692 ELMER 8ROOK ARISTOCRAT PRIDE..	42-02	80	2	5-33,35,	111	2.6	12,481	3.57	445	18	87	-265	-.03	-13	-18
10-01-53 1119383 2680422 5-71				41,42,73	9		12,660	3.60	456						
1241696 CURTISS CANDY MISTY CURTISS...*		2	59	2-32,35	61	3.2	15,340	3.59	550	2	31	+277	.00	+10	+15
11-09-54 1056882 2253486 5-71					32		14,514	3.58	520						
1242194 MT PLEASANT 8URKOWANA PRIDE...	41-25	275	6	6-35,41,	589	2.3	13,355	3.63	485	17	96	-89	+.02	0	-2
11-19-53 1083519 2800337 1-71				42,43,47	19		13,394	3.61	484						
1242221 POLYTECHNIC IMPERIAL KNIGHT...*	93-16	91	8	18-33,35,	253	1.9	17,634	3.61	637	10	89	+1,720	-.01	+60	+94
09-05-54 878257 2569950 1-71				42,87,93	36		15,887	3.63	577						
1242229 ARLINDA ELSIE MARK.....	91-13	9	6	1-93	37	2.1	15,766	3.51	553	26	57	-297	.00	-11	-17
09-04-54 1150470 2696982 5-71					95		16,546	3.51	581						
1242259 TA8UR REFLECTION SUPREME.....*		44	12	9-43,48,	121	2.3	13,752	3.65	502	4	75	-374	+.04	-8	-16
01-04-54 1216731 3384148 5-71				63,73,86	27		14,287	3.60	515						
1242346 PA8ST LEADER RO8EL.....*		3	34	1-34	38	4.1	13,363	3.73	499	**	32	-140	+.06	+3	-1
09-21-54 915940 2669795 5-71					10		13,783	3.54	488						
1242380 MEISEGEIER TRAIL8LAZER GINGER.	35-75	119	2	26-33,35,	150	2.7	14,621	3.67	537	11	90	+173	+.05	+13	+15
08-09-54 1157409 2768722 5-71				41,55,93	26		14,484	3.62	525						
1242491 JIM SPRING FARM LOCHINVAR HOPE*		8	17	3-16,21,	29	2.5	12,241	3.84	470	**	36	-683	+.08	-14	-29
01-30-54 010212300 010750686 5-71				22	12		14,156	3.61	511						
1242740 S S C CHIEF.....*		1	17	1-71	17	4.4	13,312	3.17	422	**	28	+77	-.04	-3	0
09-12-53 1167310 2653348 5-71					2		12,937	3.30	427						
1242799 HILLTOP TRANSMITTER GREAT-TWIN*	22-01	62	3	12-21,22,	111	3.5	14,218	3.63	516	5	86	+65	.00	+3	+4
07-29-54 1059819 3584837 5-71				23,35,41	15		14,164	3.63	514						
1242814 8 D I SEEAUTGO JAY.....	72-01	12	5	1-72	31	3.1	12,039	3.56	429	**	59	-449	+.08	-5	-16
08-27-54 831870 3258874 5-71					29		12,683	3.41	433						
1243399 VALLA VISTA HAZEL ORMS8Y GREAT*		10	6	4-21,47,	27	3.6	13,818	3.69	510	24	52	-567	-.04	-26	-36
11-02-54 1070426 2767565 5-71				63,84	18		15,016	3.78	568						
1243459 PA8ST LEADER ROYAL.....*	35-05	55	3	3-35,41,	89	2.8	12,700	3.53	448	5	82	-236	-.07	-18	-21
11-15-54 915940 3317589 5-71				61	18		12,883	3.63	468						
1243633 PENSTATE LUCIFER EMPEROR.....*		5	7	1-23	13	4.5	15,596	3.87	604	**	35	+332	+.05	+19	+24
11-23-54 769170 3461640 5-71					10		14,727	3.78	556						
1243847 LOCHEVALE CHIP 8OLD.....		1	25	1-31	25	3.8	16,802	3.42	575	**	29	+387	-.02	+11	+19
09-10-54 863871 3408132 5-71					9		15,633	3.45	539						
1244009 LAVACRES VAR PEPPER.....	35-75	926	8	41-21,32,	2,338	2.0	15,797	3.51	555	10	99	+1,081	-.09	+25	+49
11-17-54 879145 3399995 1-71				52,55,93	46		14,786	3.60	533						
1244091 C S P F ROAMER DICTATOR.....*		4	17	1-16	35	2.6	16,165	3.64	588	6	43	+114	-.04	-1	+2
11-20-54 1193686 2476692 5-71					67		16,114	3.74	603						
1244304 WIS VENTURE.....	63-02	39	11	4-31,35,	118	3.1	13,439	3.52	473	10	77	-142	-.04	-11	-13
01-06-55 1192327 3408369 5-71				61,63	22		13,589	3.58	487						
1244461 TORKS FORESTER FON CHIEF. ....*		6	3	2-47,48	14	3.7	12,374	3.66	453	**	43	-77	+.03	+1	-1
11-15-54 1010772 3214108 5-71					13		12,400	3.58	444						
1244556 CHRISTY HOMESTEAD HECTOR.....*		10	7	5-21,32,	30	2.2	12,504	3.55	444	25	50	-196	-.04	-13	-16
11-23-54 1085614 3655341 5-71				33,34,57	54		12,784	3.66	468						
1244648 STOCK8RIDGE ORMS8Y FOBES.....*		2	10	1-35	12	5.4	13,492	3.72	502	0	29	+145	+.01	+6	+9
09-21-54 924105 2659621 5-71					10		12,880	3.72	479						
1244723 8AUGO VALLEY GRAND PRINCE.....*		21	4	3-21,32,	42	3.2	13,819	3.69	510	**	67	-230	+.05	-1	-7
08-19-54 1192251 2932022 5-71				34	14		14,189	3.62	514						
1244787 MT JOSEPH ORMS8Y ARROW.....*		9	10	3-48,63,	34	4.3	15,308	3.46	529	**	52	+371	-.08	+2	+11
07-25-54 1010254 3417992 5-71				73	14		14,661	3.60	528						
1244844 GRAY VIEW SYM8OL CRITERION....*	33-03	703	3	45-21,23,	1,100	2.5	13,887	3.60	500	14	98	-535	-.01	-20	-30
09-10-54 1189593 3474318 9-70				33,35,41	21		14,487	3.61	523						
1245176 REDFIELD PRINCE 8ETTINA.....*		12	1	3-41,45,	13	3.2	13,824	3.88	536	**	48	-188	+.15	+14	+7
12-08-54 1038811 2768568 5-71				46	14		14,251	3.56	508						
1245520 STOWMONT MASTEROEAN VALIANT...	21-01	2,192	4	13-13,21,	5,412	2.8	15,521	3.49	541	11	99	+663	-.10	+10	+26
12-09-54 929962 2959627 5-71				22,23,55	20		14,957	3.57	534						
1245593 ROSE O SHARON GOLDEN STAR-TWIN*		5	17	1-35	36	4.8	12,357	3.53	436	0	45	-81	+.01	-2	-4
11-22-54 1121353 3474030 5-71					9		12,384	3.52	436						
1245986 JOPPA HILL AB8EKERK SONNY.....*		2	13	1-12	25	4.4	12,322	3.60	443	0	41	+31	-.01	0	+1
05-21-54 1045656 3471267 5-71					13		12,057	3.62	437						
1246053 NOWISCO MAKIDA PERFECTION.....*		13	9	2-35,48	36	4.4	13,320	3.96	527	**	56	-262	+.08	+1	-6
09-10-54 1195184 3573889 5-71					29		13,770	3.83	527						
1246181 HONEYWOOD MASTERPIECE CHIEF...*	63-02	15	6	4-34,35,	34	2.9	13,709	3.58	491	5	59	-322	+.02	-9	-16
12-08-54 1080157 3181220 5-71				63,72	15		14,292	3.55	508						
1246183 ROSAFE CALIBAN.....*	31-02	758	8	27-31,32,	2,255	2.4	13,953	3.41	476	13	99	-83	-.17	-27	-25
09-02-53 010121004 010813661 1-71				43,55,56	22		14,049	3.59	504						
1246308 ROSAFE TRUSTEE.....*		71	12	11-21,23,	202	2.9	14,130	3.74	528	8	84	-47	+.03	+2	0
05-27-54 010198998 010448984 9-70				51,52,55	24		14,214	3.71	528						
1246309 ROSAFE ZENITH.....*		13	2	3-51,52,	21	3.1	13,214	3.62	479	**	55	-299	-.04	-16	-21
08-10-54 010198998 010864155 5-71				55	16		13,742	3.72	511						
1246313 C RANCH CRESCENT H P ACE.....		6	23	2-12,13	32	2.3	12,551	3.51	441	**	33	-296	-.06	-19	-23
11-13-54 1204248 2372355 5-71					14		13,410	3.74	501						
1246699 STODOLA OOSTIE CELE8RITY.....*		3	9	2-22,35	13	3.1	13,562	3.35	454	0	28	-211	-.09	-20	-22
01-04-55 943799 3545387 5-71					10		14,350	3.70	531						
1246708 MAVIEW VERNON PILOT-TWIN.....*		18	24	5-11,12,	75	4.9	17,168	3.83	658	**	57	+712	+.07	+36	+48
10-25-54 1094305 2959074 5-71				13,14,21	16		16,134	3.75	605						
1246730 JONDALE RAVEN 8ELMONT.....*		4	9	2-31,41	14	3.4	12,685	3.52	447	**	31	-214	+.01	-7	-11
07-30-54 9C9839 2716914 5-71					10		13,324	3.52	469						
1247076 FALLON ACRES OEAN RAVEN.....*	21-01	104	1	4-13,14,	114	3.5	13,565	3.61	490	7	89	-548	+.04	-14	-26
09-24-54 955619 2973978 5-71				21,23	18		14,209	3.57	507						

REGISTRATION NUMBER NAME DF BULL	STUD CODE	NUMBER DF HERDS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS REC/DAU HM/DAU HEROMATE		MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1247172 SIR BURKE DE KOL ORMSBY BILL..*		3	9	1-42	12	3.9	14,509	3.50	508	0	31	+81	+.03	+7	+8
02-11-54 1187784 2602457 5-71					15		14,277	3.40	485						
1247197 LAVACRES DUSTY JD SOLDIER.....*		7	11	1-93	25	2.9	16,890	3.56	601	**	41	+202	+.02	+10	+14
01-28-55 1117035 3612899 9-70					34		16,671	3.51	585						
1247474 MOORHAVEN CARNATION PABST 2D.		1	41	1-35	41	3.4	12,381	3.62	448	0	30	-253	-.01	-10	-15
12-08-54 1238492 3105995 5-71					10		13,159	3.66	482						
1247663 WIS JUNIOR CHIEF BURKE.....		2	23	1-35	27	4.0	12,409	3.90	484	6	32	-217	+.03	-4	-9
08-28-54 1180791 3187030 5-71					6		13,004	3.83	498						
1247827 BARTRAM PRINWAYCESS-TWIN.....*		2	13	1-22	24	3.6	12,067	3.70	447	**	37	-400	+.05	-8	-17
02-12-55 989939 3330639 5-71					29		13,051	3.59	469						
1248235 BEEZLEY FARM TI-BURKE SENATOR.*		19	31	4-48,63,	90	2.6	13,986	3.52	492	9	53	-321	+.03	-7	-14
05-01-54 1104364 2277998 5-71				73,74	17		14,667	3.46	508						
1248274 WHITILL MONOVAR.....*	35-04	61	2	10-33,34,	87	2.8	13,102	3.84	503	7	84	-769	+.20	-1	-21
06-01-52 1058580 3012984 5-71				35,41,61	14		14,032	3.60	505						
1248502 STOFFELL STYLEMASTER EMPEROR..*		3	13	1-63	17	3.1	12,483	3.59	448	17	30	-244	.00	-9	-14
10-06-54 1075871 3036913 5-71					19		13,224	3.61	477						
1248639 FOBES YUCCA JIM KING.....*		6	38	1-21	56	4.0	15,485	3.71	574	5	39	+205	+.05	+14	+17
12-26-54 895422 3081518 5-71					30		15,077	3.60	543						
1248788 BONNIEREST BESS OEAN AOANTHA..*		8	13	4-13,21,	28	4.2	14,795	3.71	549	**	43	-82	+.02	0	-2
02-15-55 846425 3288843 5-71				23,72	19		15,104	3.68	556						
1248880 JDCASU VICTOR PDSCH.....*		2	24	1-52	26	3.5	12,599	3.17	400	**	30	-110	-.03	-8	-9
06-15-54 874306 3911336 5-71					8		12,864	3.27	421						
1249017 MATZKE BAOGER HIGHBOY.....*		1	15	1-35	15	2.6	12,484	3.52	440	7	24	-125	+.01	-3	-6
12-18-54 1179895 2830058 9-70					9		12,914	3.52	454						
1249419 PABST LEADER REGAL.....		1	91	1-56	91	3.2	12,951	3.65	473	8	31	+42	+.01	+3	+4
10-17-54 915940 3248379 5-71					24		12,690	3.62	460						
1249628 LILAC HILL RINGLEADER.....*		12	2	3-33,35,	17	2.4	12,652	3.62	458	**	50	-282	-.03	-14	-19
09-30-54 1154150 2711356 5-71				55	24		13,143	3.71	487						
1250157 RIDGELY PACEMAKER.....*		6	7	2-14,15	17	3.7	13,266	3.66	486	0	41	-28	-.01	-2	-2
12-05-54 949094 3189838 5-71					9		13,269	3.70	491						
1250247 LOU-IDA REGAL BLOOM.....*		2	6	1-31	11	3.4	14,005	3.58	502	**	32	-489	+.01	-16	-26
01-04-55 992857 2892727 5-71					11		15,708	3.58	562						
1250350 RAMACO FORERUNNER ARCHIE.....*		10	16	3-33,57,	44	2.6	15,311	3.52	539	12	48	+249	-.05	+2	+8
12-12-54 1120027 2580406 5-71				74	15		14,881	3.62	539						
1250690 TYLER FARMS KEEPSAKE MAJOR....*		2	8	1-13	12	4.1	13,910	3.62	504	**	30	+169	-.04	+1	+5
10-24-54 1113778 3549819 5-71					32		13,287	3.76	499						
1250772 VERPANA FARM REGENT.....*	41-25	270	7	14-35,41,	593	2.6	13,951	3.48	485	8	96	-111	-.12	-20	-19
12-19-54 915940 3262462 1-71				42,43,47	21		14,082	3.60	507						
1251481 BEACON PRINCE MARC.....*		2	16	1-21	20	5.4	17,667	3.49	616	0	31	+308	-.03	+7	+14
03-11-55 1160415 2481844 5-71					16		16,984	3.56	604						
1252231 MOOSEHEART ROYAL AIM.....*	93-10	40	25	4-23,33,	261	2.8	16,454	3.73	613	9	80	+3	+.09	+13	+11
12-15-54 1024453 2579688 1-71				91,93	54		16,729	3.63	607						
1252331 SIR MONSON OVATION AAGGIE.....		3	9	2-13,93	12	1.5	15,863	3.64	578	**	24	+143	+.03	+9	+11
11-28-54 946406 3373638 5-71					59		15,425	3.54	546						
1252783 DITHMARSIA LUTETIA BET SEPPET.*		3	16	1-21	20	2.6	15,193	3.52	535	**	29	+347	-.04	+7	+15
03-17-53 1006037 2820093 5-71					22		13,998	3.66	513						
1252981 THONYMA ROCKET EDEN.....*		7	8	3-33,43,	34	2.5	11,527	3.66	422	**	53	-314	+.02	-8	-15
11-16-54 1136810 3280125 5-71				63	16		11,918	3.62	432						
1252985 THONYMA ORMSBY SENATOR.....*	33-03	780	5	42-21,23,	1,493	2.1	13,816	3.55	491	10	98	-967	-.07	-44	-62
12-25-54 1196645 3417595 1-71				32,35,42	25		14,895	3.63	540						
1253078 FRASEA NETHERLAND DESIGNER....*		5	23	1-93	32	2.7	14,933	3.30	493	**	34	+12	-.05	-7	-5
05-23-54 010153547 010549857 5-71					56		15,003	3.45	517						
1253143 LAVACRES MAGIC.....	93-01	34	8	1-93	104	3.0	15,127	3.57	540	15	78	-299	+.01	-10	-16
02-07-55 1138451 2458516 5-71					72		15,685	3.57	560						
1253351 SOVEREIGN EXRANCO MAGIC.....	93-03	36	185	6-11,23,	532	2.3	16,164	3.67	594	12	55	-28	+.07	+9	+7
10-31-54 1138451 3596419 9-70				86,92,93	135		16,469	3.56	587						
1253504 SHAWS GOLDEN DAUNTLESS FAY....*		18	18	4-13,16,	52	3.7	14,900	3.53	526	**	51	+68	-.02	-1	+1
03-02-54 892522 2988331 5-71				21,23	13		14,858	3.58	532						
1253588 UNH RESOUND.....*		34	8	8-12,13,	91	2.9	15,453	3.51	542	11	75	+270	-.08	-1	+6
11-04-54 1048677 2260016 5-71				14,21,22	19		15,223	3.61	549						
1253803 B O I BUREMPJER ACME.....	72-01	17	15	1-72	82	2.6	12,136	3.39	411	**	64	-321	.00	-11	-17
01-01-55 833599 3291387 5-71					30		12,490	3.37	421						
1253938 FLORADALE TWELVE DOIE TOM.....	52-01	111	2	1-52	144	3.1	13,255	3.50	464	14	90	-120	-.06	-13	-14
01-29-55 1009092 3436296 5-71					20		13,327	3.58	477						
1253973 CAVERN ACRES CARNATION ORMSBY.		1	36	1-21	36	4.8	14,116	3.61	510	0	32	+89	+.03	+8	+9
10-16-54 1170903 3344178 5-71					10		13,820	3.50	484						
1254159 WHIPBROOK GINNY BOY.....*		5	6	1-35	16	4.3	14,584	3.49	509	0	41	+43	-.05	-5	-3
01-21-55 1001768 2490751 5-71					12		14,540	3.62	526						
1254333 WIS MASTERPIECE RAVEN COUNT...*		1	15	1-35	15	2.9	14,428	3.45	498	**	26	-29	+.01	0	-1
04-15-55 1195760 3262642 5-71					11		14,613	3.44	503						
1254663 HIGH MEADOW FARM WAYNE OAN....*	21-01	90	1	4-11,13,	97	3.0	13,235	3.47	459	**	87	-395	-.09	-27	-33
02-26-55 837025 3592631 5-71				21,23	14		13,663	3.59	490						
1254948 HAROEN FARMS OUKE KEITH.....*		1	16	1-21	16	3.6	12,383	3.25	402	**	27	-221	-.03	-12	-16
03-10-54 1112211 3348618 5-71					14		13,113	3.39	444						
1255077 UNH CHANCELLOR.....*	35-04	31	2	6-31,34,	42	2.4	13,251	3.49	462	24	72	+169	-.06	-3	+2
04-24-55 972500 3518164 5-71				35,41,42	12		12,912	3.59	463						
1255141 CARVEL SHOWBOY.....*		7	12	1-23	22	4.4	12,626	3.75	474	0	39	-48	+.03	+2	0
05-22-55 1003598 3635923 5-71					11		12,619	3.68	465						
1256032 LINOBROOK ORMSBY HARTOG LEADER	93-02	7	32	1-93	77	1.4	16,981	3.39	576	**	43	+269	-.08	-1	+6
08-21-54 955524 2318595 5-71					174		16,628	3.55	590						
1256233 FRASEA NETHERLAND SPITFIRE....	93-10	33	6	1-93	105	2.0	15,606	3.51	547	**	79	-157	-.04	-11	-13
11-23-53 010153547 010543922 5-71					36		16,015	3.55	569						
1256321 BUTTERFLY TRIPLE CHIEFTAIN....*		55	4	2-21,22	114	3.3	13,455	3.68	495	11	86	-412	+.03	-11	-20
12-05-54 989939 2508100 5-71					16		13,938	3.66	510						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES AND- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK MILK	% %	FAT FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1256391 CARLINS HILLTOP FAVORITE REX..*		5	4	3-41,42,	13	4.1	13,087	3.54	463	**	39	+31	-.03	-3	-2
01-13-54 1111081 3140475 5-71				48	10		12,903	3.64	470						
1256777 LAVACRES DUSTY JO MARS.....	93-10	16	13	1-93	81	1.5	16,039	3.75	601	**	63	+181	+.07	+16	+18
05-21-55 1117035 2581816 5-71					37		15,952	3.65	583						
1257218 DORCIS BURKE ROAMER DDN.....*		3	17	1-42	21	2.3	12,816	3.30	423	36	28	+86	-.05	-4	-1
02-16-55 1166419 3352657 5-71					16		12,354	3.51	434						
1257270 TALLCORN WALKER RAVEN.....*		14	10	6-33,34,	36	2.8	11,765	3.61	425	12	51	-698	-.02	-28	-41
07-01-54 909839 3532115 5-71				42,43,47	19		13,035	3.68	480						
1257619 CHRISTY HOMESTEAD COLOSSUS....*		3	4	1-35	11	3.5	11,375	3.63	413	**	35	-533	+.02	-17	-28
07-16-54 1085614 3108981 5-71					13		12,809	3.60	461						
1257738 LOCUST CREST IMPERIAL PRIDE...*		1	10	1-21	10	3.7	16,977	3.40	578	**	24	+273	-.03	+5	+11
10-08-52 956081 2609213 5-71					46		16,030	3.51	563						
1257771 CARNATION BUTLER.....*		2	21	1-91	23	3.5	16,256	3.78	614	**	29	+173	+.01	+8	+11
02-28-55 943802 3483638 5-71					18		15,853	3.77	597						
1257922 STORRS MAJOR FOBES.....*		4	6	1-13	14	3.4	12,594	3.51	442	**	33	-316	-.03	-15	-21
03-13-55 923319 3500412 5-71					6		13,499	3.61	487						
1258106 WILLOWDONTE RAVEN DUSTY DEE....*		3	11	2-32,93	15	2.3	18,136	3.37	612	**	28	+12	.00	0	0
04-12-55 1157862 3707852 5-71					38		18,556	3.38	628						
1258654 ROELAND GUARDSMAN.....*		17	21	3-21,23,	90	3.3	15,099	3.66	552	16	61	+83	+.01	+4	+5
03-07-55 010212120 010948195 5-71				57	34		15,077	3.65	550						
1258693 ROCKCREST RAVEN CAPTAIN.....*		6	4	3-42,52,	13	4.0	13,616	3.70	504	**	42	-169	+.04	0	-4
07-19-55 1215442 3006697 5-71				56	18		14,031	3.58	503						
1259016 HONOR REGAL DUNLOGGIN ACE.....*		7	20	2-13,21	36	3.3	13,106	3.52	461	0	41	-207	-.03	-11	-15
01-12-55 969667 3173829 5-71					12		13,580	3.61	490						
1259039 WIS VENUS SUPREME.....*	35-03	80	2	10-21,23,	119	2.5	13,988	3.67	513	11	87	-290	+.02	-8	-14
06-13-55 1151280 2347083 5-71				35,56,93	19		14,364	3.66	526						
1259041 WIS TIP TOP.....*		3	15	2-35,57	19	3.1	12,993	3.50	455	**	30	-164	-.01	-7	-10
06-28-55 933122 3111749 5-71					13		13,507	3.54	478						
1259068 DE KOL GREENLEAF DUTCHLAND....		10	2	7-21,22,	14	2.2	14,922	3.61	538	23	45	-188	+.03	-3	-7
05-27-52 1102909 3182205 5-71				41,85,93	64		15,494	3.56	551						
1259069 POESTENKILL LEADER BELLE BOY..	35-75	3,470	7	47-21,23,	9,814	2.2	15,077	3.56	536	10	99	+390	-.08	+3	+13
01-27-54 915940 3110975 5-71				35,41,55	31		14,768	3.63	536						
1259070 POESTENKILL MODEL REGAL.....*		8	1	3-13,21,	10	1.6	15,805	3.61	570	17	36	-82	-.05	-10	-10
09-12-54 1148993 3541762 1-71				93	24		16,268	3.75	610						
1259096 FAIRBRAE SOVEREIGN CANDYMAN...		8	1	7-23,32,	10	2.5	15,608	3.68	574	10	38	+375	-.01	+12	+20
11-10-54 1081684 3270640 5-71				35,41,57	19		14,704	3.71	546						
1259097 COCHRAN QUEEN WALLIE.....*		3	25	2-21,22	49	3.8	15,046	3.58	538	7	45	+292	-.07	+1	+8
01-22-55 1190632 3850895 5-71					14		14,448	3.73	539						
1259225 GENERAL LAWSON VOYAGEUR.....*		2	71	1-52	73	2.7	14,913	3.51	523	7	31	-139	+.01	-3	-6
04-30-54 010197964 010645792 5-71					47		15,529	3.47	539						
1259491 SKAGVALE CHARMING SIR CHARMER.*		12	7	2-91,93	40	2.8	16,538	3.43	568	12	58	+314	.00	+12	+18
03-19-55 1227779 3088006 5-71					38		16,228	3.41	553						
1259609 HENART GUIDE YKATI DANDY.....*		5	11	1-21	23	3.8	12,225	3.57	437	**	40	-316	+.06	-3	-11
10-30-53 1177149 2960391 5-71					13		12,909	3.42	442						
1259627 UNH SCHOOLMASTER CLARION.....		3	30	1-12	34	1.9	16,331	3.48	568	**	28	+109	+.01	+5	+7
08-17-55 1181068 3079570 5-71					12		16,167	3.45	557						
1259694 FOBES LARKFIELD SUPREME.....		1	11	1-32	11	4.2	12,339	4.01	495	0	25	-59	+.06	+6	+3
02-17-55 993764 2575965 5-71					6		12,433	3.77	469						
1259711 VALLA VISTA EVA ORMSBY.....*		5	12	1-48	23	1.8	10,932	3.28	359	**	35	-689	-.02	-27	-40
04-06-55 1070426 3079022 5-71					7		12,801	3.37	432						
1259934 EDJOBEN DELLA BUDDY.....*		8	11	1-93	32	2.0	13,377	3.55	475	**	46	-791	+.01	-27	-43
04-14-54 1136194 3408329 5-71					39		15,247	3.54	540						
1260027 LAVACRES VAR SULTAN.....		1	159	1-93	159	1.7	19,113	3.49	667	**	29	+666	-.05	+17	+31
07-21-55 879145 3464675 5-71					402		17,100	3.62	619						
1260039 LOUROSE CARNATION PROGRESSOR..*		1	20	1-35	20	3.0	11,922	3.50	417	7	27	-83	-.01	-5	-6
03-01-55 1209512 3674553 5-71					17		12,051	3.58	432						
1260405 TALOGA ADDHR DIXIE.....	48-01	326	9	9-43,48,	1,258	2.4	12,651	3.58	453	16	98	-905	.00	-32	-50
12-17-54 1210112 3278052 9-70				65,73,74	17		13,540	3.58	485						
1260561 CLYDE HILL DRMSBY M VERBENA...		3	9	1-41	16	1.2	11,426	3.44	393	0	28	-487	.00	-17	-27
07-22-55 1202702 2550842 5-71					7		13,056	3.45	451						
1260987 CORRECTION BOLD DLLIE.....*		5	18	2-35,65	25	4.8	12,678	3.79	481	**	36	+80	+.02	+6	+7
10-18-54 1222563 3052404 5-71					30		12,289	3.74	460						
1261357 PABST SIR RAVEN LEADER.....*		19	52	8-31,35,	136	3.2	12,973	3.67	476	6	53	-397	+.04	-9	-18
01-09-55 909839 3375453 1-71				48,51,73	29		13,700	3.60	493						
1261368 HARDEN FARMS DUKE EDEN.....*		71	1	14-13,16,	77	2.3	14,228	3.49	497	**	83	+44	-.09	-11	-8
04-05-55 1112211 3385909 5-71				21,22,23	24		14,201	3.61	513						
1261461 HOWVALE HOMESTEAD REGAN.....*		5	6	1-21	18	3.6	13,418	3.70	497	10	43	-351	+.02	-10	-17
08-22-55 1038118 2696636 5-71					21		14,270	3.69	526						
1261493 WIS DARK MAGIC.....*		2	42	2-86,92	44	2.3	16,925	3.44	582	9	29	+239	-.02	+6	+11
07-29-55 933122 2577060 5-71					56		16,333	3.47	566						
1261630 ELMER BROOK HOMESTEAD STAMPER.		2	6	1-35	12	1.3	12,801	3.52	450	**	28	-216	+.02	-5	-10
04-24-55 1220074 2979618 5-71					7		13,545	3.47	470						
1261636 SEQUOIA VAR PRINCE.....*		1	14	1-93	14	2.1	13,143	3.43	451	**	23	-154	-.02	-9	-11
11-20-54 879145 2935818 5-71					40		13,795	3.59	495						
1261857 ZIMMERMAN ALSTAR PILOT.....	35-75	1,074	6	44-00,00,	2,665	1.2	15,977	3.77	602	13	99	+1,094	+.14	+60	+78
12-28-54 1080016 3896921 9-70				00,00,00	23		14,973	3.64	545						
1262028 ABBEKERK PABST WALKER.....*		6	6	1-21	21	3.2	15,131	3.54	535	**	46	+255	-.02	+7	+12
09-08-55 1159161 3098423 5-71					15		14,652	3.56	521						
1262137 WINDY SHADE BARON COMPOSCH....*		2	11	1-61	22	4.0	12,062	3.64	439	**	39	-404	+.03	-11	-20
07-15-55 1218293 3160042 5-71					27		13,003	3.59	467						
1262351 EILDC SYMBOL REFLECTION.....	93-03	9	32	2-87,93	91	2.2	14,953	3.54	530	21	51	-350	-.02	-16	-22
07-23-54 1212056 3483240 5-71					145		15,837	3.60	570						
1262442 EILLOC THE CROWN PRINCE.....	93-03	14	18	1-93	117	2.3	15,206	3.62	551	22	69	-547	+.04	-14	-26
01-08-55 1212056 3372154 5-71					118		16,236	3.58	581						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	%	FAT	%	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1262500 ROBENSTEAD SIR 808.....*		8	12	1-21	26	3.5	15,700	3.45	541		0	42	+391	-.01	+12	+20
08-11-55 1076590 2980363 5-71					22		14,853	3.45	512							
1262518 KINGSTEAD MAGICIAN.....		6	6	1-55	17	2.4	14,716	3.68	542		14	40	-9	+.03	+4	+3
08-06-55 1024856 3231540 5-71					18		14,829	3.60	534							
1263004 WIS IDEAL SYMBOL.....*		17	14	4-35,42,	42	3.6	15,068	3.36	507		9	51	+628	-.13	+4	+20
09-15-55 1189593 3373784 5-71				45,74	18		13,825	3.60	498							
1263126 EMCO LAD CO BURKE.....*		12	1	5-23,32,	15	2.7	12,930	3.67	474	**	49		-295	+.04	-5	-12
01-30-55 999678 3119157 5-71				33,34,35	13		13,484	3.60	485							
1263289 MALEK LOCHINVAR ROYAL OUKE....*		5	7	1-14	19	2.0	13,319	3.44	458	**	39		+204	-.03	+3	+8
08-08-55 1201859 3354171 5-71					11		12,667	3.51	444							
1263835 DAWNVALE MASTERPIECE MYSTIC...	21-10	438	1	6-13,14,	525	2.5	14,280	3.60	514		16	97	-355	+.04	-8	-16
10-18-55 929962 3443035 1-71				16,21,22	20		14,725	3.57	526							
1263840 DUTCH CORNER WALLIE VAR.....*		1	14	1-21	14	2.8	14,090	3.42	482	**	24		+199	-.04	+1	+6
09-05-55 1190632 2886881 5-71					43		13,197	3.58	473							
1263895 PRINCE PROMISE CHANGELING.....*		5	6	1-21	14	2.3	14,314	3.52	504	**	34		+56	-.01	+1	+2
06-11-55 1206324 2853936 5-71					16		14,170	3.53	500							
1264172 BALLARD FARM FUZZY.....*		6	5	1-23	16	2.6	12,971	3.82	495	**	40		-130	+.06	+3	-1
10-27-55 1038489 2976860 5-71					8		13,224	3.68	486							
1264701 SPENCERCREST KING JESS.....*		5	11	1-23	21	3.0	14,023	3.80	533		16	37	-51	+.03	+2	0
11-05-55 1082891 2022523 5-71					11		14,190	3.74	531							
1264726 GLENREST ADACY.....*	21-01	146	1	3-11,13,	164	3.2	14,777	3.63	536		10	92	+229	+.06	+17	+20
08-31-55 846425 3130880 5-71				21	19		14,592	3.56	519							
1264746 LUDWIG SIR ROYAL FOBES.....*		2	14	1-42	16	3.1	11,745	3.84	451		21	27	-343	+.03	-8	-16
06-18-55 1185325 2915497 5-71					8		12,917	3.72	481							
1264829 BAYFIELD TY GRAWIN KINSMAN....*		3	20	1-21	24	2.8	14,825	3.39	502		7	30	-1	-.03	-4	-3
08-15-55 1189870 3167508 5-71					7		14,932	3.48	519							
1265107 MIOLANE IMPERIAL ARTIS.....*		4	9	2-23,35	17	2.7	12,385	3.73	462	**	34		-12	-.01	-2	-2
03-10-55 1023039 3380992 5-71					23		12,254	3.80	466							
1265127 POPLAR POINT SOVEREIGN MOE....*		1	14	1-21	14	2.6	13,993	3.66	512		20	25	-229	+.04	-3	-8
07-31-55 1149632 2682665 5-71					21		15,031	3.53	531							
1265166 ROCK RIVER COUNT.....*	35-21	669	5	26-33,34,	1,812	2.4	13,506	3.78	510		15	99	-642	+.14	-5	-21
11-25-55 1216567 2891773 1-71				35,51,74	17		14,181	3.65	518							
1265278 WINTERTHUR IAGO ZEUS KRIS.....*		12	36	3-50,52,	59	3.7	15,760	3.60	567		6	42	-88	-.01	-5	-6
07-26-55 1213165 3603886 5-71				55	25		16,201	3.64	589							
1265289 ROYAL HOPE BLUEBIRD.....	65-02	23	12	2-64,65	108	2.0	12,446	3.55	442		15	73	-863	+.09	-20	-39
01-02-55 010212300 010628438 5-71					10		13,604	3.44	468							
1265694 GLENELG HONEYMAN OON.....	35-21	533	5	10-33,41,	1,194	1.9	14,747	3.45	509		15	98	+846	-.18	+4	+25
02-23-55 1210938 3326003 9-70				42,43,47	18		13,875	3.64	505							
1265937 DAWNVALE ARAB VICTOR.....*		14	18	1-21	63	3.8	15,766	3.83	604		4	57	+288	+.12	+27	+30
08-23-55 1213698 2936306 5-71					14		15,405	3.65	562							
1265938 DAWNVALE ARAB SUCCESSOR.....		6	33	1-21	62	3.5	14,485	3.51	509		15	44	-33	+.01	0	-1
09-23-55 1213698 3393541 5-71					15		14,631	3.49	511							
1266046 BROAD ROCK OUKE DUSTY.....*		4	27	1-21	39	2.9	12,472	3.45	430	**	35		-549	+.03	-16	-28
09-22-55 956533 2764671 5-71					24		14,041	3.38	474							
1266232 KAY ADMIRAL LUCIFER.....	72-01	9	2	1-72	15	2.2	12,656	3.26	413	**	46		+281	-.07	0	+7
09-29-55 769170 2836710 5-71					23		11,838	3.40	403							
1266350 E M C RELIABLE GERBEN.....		1	15	1-93	15	1.0	19,007	3.60	684		0	20	+151	.00	+6	+9
11-03-55 1100057 2726737 5-71					48		18,717	3.58	671							
1266398 INDIANA VISCOUNT MASTER.....*		2	39	1-32	41	2.9	11,689	3.52	411	**	30		-438	+.01	-15	-24
09-09-54 823055 2549071 5-71					52		13,088	3.53	462							
1266743 ELMSCOTT LOCHINVAR ACME.....		2	7	2-23,41	10	2.7	12,481	3.58	447	**	25		-168	-.01	-7	-10
09-29-54 876659 3087800 5-71					5		13,072	3.64	476							
1266879 GLENAFTON HOTSPUR.....*		4	12	1-34	24	3.3	12,639	3.66	462		6	40	-394	+.05	-7	-16
01-28-55 010239301 010861704 5-71					11		13,587	3.53	480							
1267108 OISTINCTION COLONY PROFILE....*		4	25	1-35	61	2.9	12,774	3.64	465		6	49	-363	+.02	-11	-19
11-16-55 1169417 3065464 5-71					16		13,478	3.62	488							
1267215 CENTER FIELD SOV JOHN.....*		7	13	2-51,52	37	3.1	13,982	3.85	538		8	49	+128	+.05	+11	+12
11-07-55 1170562 3592519 5-71					18		13,695	3.78	518							
1267250 LOS ROBLES EMPEROR LYONS LAD..	93-03	21	25	4-86,87,	159	2.5	16,584	3.34	554	**	70		+494	-.21	-13	+2
09-28-55 1057293 2695422 5-71				91,93	123		16,094	3.62	582							
1267257 CASH-MAR JERRY CORNUCOPIA.....*		3	36	1-32	56	3.6	13,790	3.41	470		26	39	+399	-.05	+7	+16
08-19-55 1138441 3218326 5-71					41		12,648	3.54	448							
1267261 MEDSKER SUPREME SIM.....		24	2	1-34	34	1.4	15,580	3.62	564		13	62	+467	+.01	+18	+27
07-24-55 1167612 3119460 5-71					15		14,918	3.61	539							
1267271 SKOKIE SENSATION.....	34-01	824	6	18-21,32,	2,444	2.2	14,785	3.51	519		13	99	+748	-.09	+14	+31
07-07-55 1113263 2314452 9-70				34,35,63	19		14,038	3.60	505							
1267468 GLENAFTON BONHEUR ARISTOCRAT..*	35-05	135	2	7-33,35,	194	2.3	13,511	3.70	500		15	91	-808	+.06	-21	-38
02-20-55 010239301 4545860 5-71				41,42,93	29		14,447	3.65	527							
1267653 RUBY ACRES LEADER HERO.....*		10	6	3-35,41,	20	4.3	13,238	3.97	525		0	48	-201	+.05	0	-5
09-09-55 915940 2475701 5-71				57	17		13,633	3.88	529							
1267778 CITY PARK BESS KING.....*		14	10	4-81,82,	44	3.3	14,759	3.36	496		10	57	-63	-.07	-12	-12
08-18-55 1099534 2893166 5-71				87,91	17		14,974	3.47	520							
1268001 RAY-LOU SOVEREIGN BRIOGER.....	61-01	164	8	7-21,23,	508	2.4	13,436	3.48	467		18	94	-418	-.05	-22	-29
03-21-55 1079321 2531822 5-71				32,61,63	16		13,873	3.53	490							
1268194 ANAMOSA PILOT ERNIE.....*		3	10	2-11,42	15	3.0	12,778	3.51	448		17	31	-61	.00	-2	-3
10-23-55 1189590 2992474 5-71					28		12,871	3.51	452							
1268254 DU PAGE RIVER JUDGE CHAMPION..*		7	3	2-33,35	12	1.1	10,605	3.54	375	**	34		-619	-.02	-25	-37
12-01-55 846477 3308457 5-71					12		12,291	3.64	448							
1268265 TALOGA CRESCENT BEAUTY MEG....*		9	4	4-43,73,	19	2.5	11,960	3.45	413	**	45		-441	+.01	-15	-24
04-01-55 1074603 3430047 5-71				74,86	32		12,825	3.45	442							
1268286 MOOSEHEART ROBURKE DUNLOGGIN..*		5	3	4-31,32,	11	4.6	13,276	3.40	451		0	39	-77	-.06	-11	-11
09-07-55 1024453 2892585 5-71				43,54	11		13,423	3.58	480							
1268290 VALLA VISTA MORRIS TRIUNE.....	48-01	284	8	8-22,42,	924	2.3	12,851	3.80	488		15	97	-996	+.18	-12	-36
11-30-55 886182 3693547 1-71				47,48,73	21		13,876	3.61	501							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	%	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1268352 UNEEDA MELODY PICA PRINCE.....*		6	7	2-32,34	17	4.8	12,753	3.91	499	D	42	-194	+.D9	+6	D
03-17-54 1121706 3133021 5-71					5		13,132	3.68	483						
1268395 8ARN-L SIR PRIDE 8URKE.....*		4	30	1-21	44	4.9	15,792	3.20	505	11	39	+394	-.15	-7	+4
11-06-55 846425 30D6584 5-71					16		14,875	3.54	527						
1268533 SIR CRESCENT 8EAUTY DA-RANGER.*		5	6	3-35,42,	18	1.8	12,1D2	3.73	452	**	38	-288	+.D5	-3	-10
D1-1D-56 1213710 3380821 5-71				43	12		12,75D	3.60	459						
1268689 UNH MASTER ECHO.....*	33-D3	694	4	39-21,23,	1,154	2.7	14,346	3.58	514	12	98	+134	-.05	-2	+2
10-31-55 1181068 3227192 5-71				33,35,41	16		14,239	3.64	519						
1268703 CASH-MAR T M LASS.....*		3	46	2-32,35	54	2.9	14,85D	3.22	478	28	32	+62	-.D9	-11	-8
08-31-54 1028260 2809305 5-71					11		14,736	3.51	517						
1268707 FAIR HILL GRAND MASTER.....*		3	17	2-51,58	21	3.4	12,858	3.73	480	D	31	-33D	-.01	-13	-19
12-01-55 967010 3352896 5-71					53		13,928	3.78	527						
1268762 CHAMPION ARA8 PROSPECTOR.....*		7	26	1-21	82	3.3	15,49D	3.77	584	7	56	+123	+.08	+15	+16
12-21-55 1190632 3183249 5-71					28		15,416	3.65	563						
1268772 OLIRLICH ADMIRAL ACE.....*		4	64	2-35,41	98	3.3	12,349	3.97	49D	7	41	-368	+.10	D	-1D
10-10-55 1174444 3297946 5-71					13		13,161	3.71	488						
1269052 CARNATION PRESIDENT HY-TONE...*		3	5	1-35	13	3.3	14,290	3.59	513	**	38	+178	-.D2	+3	+7
09-05-55 1090974 3153500 5-71					14		13,8DD	3.66	5D5						
1269274 SUMMER VILLA LUCIFER CHUCK....	21-01	82	1	5-11,13,	9D	3.7	14,453	3.33	481	1D	86	+122	-.22	-27	-19
01-20-56 769170 2874628 5-71				14,21,23	20		14,352	3.58	514						
1269451 SIR 8URKE LEADER PA8ST.....*		4	14	2-35,46	36	3.7	11,D7D	3.69	409	D	47	-396	-.D1	-16	-24
09-28-55 915940 3236354 5-71					10		11,684	3.76	439						
1269460 SKOKIE GOOD PRINCE.....*		7	3	5-35,41,	12	4.3	14,95D	3.57	534	D	42	+566	.0D	+21	+32
09-21-55 1199324 2815547 5-71				46,48,72	16		13,567	3.55	481						
1269469 MACSFARM DICTATOR AL CHARLES..*		2	11	2-23,35	13	4.1	14,174	3.70	524	1D	28	+94	+.D3	+8	+9
11-10-55 1077611 3297311 5-71					14		13,825	3.58	495						
1269479 ROCK RIVER MASTER GEWINA.....*	35-21	500	4	22-33,34,	1,200	2.2	13,844	3.79	524	13	98	-193	+.14	+12	+5
01-23-56 1216567 3160755 9-70				35,51,74	15		14,053	3.65	513						
1269558 ZELDENRUST DUKE.....*		26	5	9-11,12,	55	3.0	14,581	3.70	540	**	7D	-144	.DO	-5	-8
01-18-56 1231051 3699465 5-71				13,31,51	27		14,881	3.72	554						
1269560 ZELDENRUST MASTER CONCORDIA...*		1	21	1-32	21	3.2	12,579	3.52	443	**	27	-302	+.04	-6	-13
01-10-56 1204515 2394172 5-71					14		13,661	3.4D	465						
1269588 JEWETTHOLM REGAL.....*		4	5	1-55	17	2.4	11,082	3.47	384	**	42	-417	-.04	-21	-28
01-21-56 1097737 2692700 5-71					7		11,866	3.61	428						
1269917 WAUPUN PROGRESSOR 8URKE.....*		3	4	2-33,35	10	5.9	14,245	3.52	502	0	36	+393	-.02	+11	+19
11-24-55 1223325 3234560 5-71					34		13,066	3.57	467						
1269937 PLAIN VIEW CLIMAX WHITE TOP...*		2	11	1-41	21	2.1	12,878	3.77	486	17	35	-144	-.D1	-6	-9
12-23-55 1046285 3856719 5-71					25		13,218	3.82	505						
1269968 8UTTERNUT CREEK DEAN ADAM.....	21-10	1,02D	2	8-11,13,	1,641	1.7	14,421	3.56	513	17	99	-490	.DD	-18	-28
01-12-56 846425 3346109 9-70				14,21,23	22		15,026	3.56	535						
1270090 OAKTON 8URTON OON.....*		15	20	4-21,23,	51	3.2	14,236	3.65	520	**	49	+279	-.02	+7	+13
01-01-55 895911 2969940 5-71				31,35	23		13,635	3.7D	5D5						
1270223 PA8ST LEADER 8ARON.....*		2	24	1-34	34	2.9	13,038	3.48	454	8	34	-50	-.03	-6	-6
10-26-55 915940 3732397 5-71					10		13,1D3	3.59	471						
1270519 LIMESTONE COLONEL.....*		1	12	1-16	12	5.D	14,742	3.87	57D	9	26	-81	+.02	D	-2
D9-D6-55 923314 2969420 5-71					21		15,178	3.81	579						
1270536 MELODY LANE FO8ES BURKE.....*		2	10	1-35	12	2.5	12,957	3.59	465	0	25	-91	-.D1	-5	-7
12-05-55 1166103 3530278 5-71					10		13,251	3.69	489						
1270604 FLORADALE COUNT PO TOBY.....*		1	27	1-52	27	4.6	11,781	3.53	416	**	3D	-175	+.D2	-4	-8
08-17-55 1062763 3545485 5-71					16		12,193	3.49	425						
1270608 ROCKYVALE HOMESTEAD JERRY.....*		1	15	1-35	15	3.9	13,778	3.41	470	D	26	-6D	-.01	-3	-4
11-14-55 910290 3726834 5-71					14		14,021	3.46	485						
1270634 MOUNTWOOD KING PIETERTJE.....*		1	15	1-42	15	3.7	11,396	3.64	415	8	26	-242	-.01	-10	-15
11-07-55 1152126 3203446 5-71					17		12,165	3.71	451						
1270685 MEISEGEIER TYPE8LAZER.....*	35-07	36	6	10-35,41,	90	3.3	14,1D9	3.87	546	10	79	+145	+.12	+22	+22
02-18-55 1157409 2480285 5-71				48,56,71	14		13,923	3.73	519						
1270712 CHERRYBOLO POSCH TOPPER.....*		37	10	12-21,23,	75	3.0	13,874	3.6D	499	11	69	-158	+.D2	-3	-7
12-14-55 1197531 30623D9 5-71				34,35,52	14		14,123	3.58	505						
1270720 EDJARRY MASTER 8URKE.....*		4	5	2-51,52	13	3.D	12,D53	3.39	4D8	8	37	-203	-.09	-20	-22
01-24-56 1169440 3212904 5-71					24		12,453	3.69	459						
1270830 SHANGHIGH OOU8LE EXEC TOPPER..	31-01	56	3	4-31,34,	86	2.6	14,231	3.6D	512	12	83	-139	-.01	-7	-9
07-02-55 1090258 3461680 5-71				74,84	18		14,451	3.63	524						
1271019 MAVIEW DUNLOGGIN OIRECT.....*	23-13	993	7	7-21,22,	3,195	2.7	14,548	3.68	535	9	99	+264	-.04	+4	+10
12-21-55 972500 2978190 5-71				23,41,93	16		14,32D	3.73	534						
1271778 CLOVERCOURT BESS DE KOL.....*		8	10	2-21,22	26	2.6	13,008	3.35	436	**	43	-171	-.D6	-15	-17
05-21-54 1149174 3206256 5-71					12		13,345	3.52	470						
1271810 TIOY 8URKE ELEVATION.....*	31-02	605	11	30-31,43,	2,316	2.8	15,D77	3.50	527	7	98	+791	-.10	+14	+32
03-23-55 1013415 3348181 5-71				48,56,58	25		14,31D	3.59	514						
1271814 MENOOCINO MEGO FANCY STAR.....		1	19	1-93	19	1.D	14,612	3.25	475	**	21	-163	-.D4	-11	-13
11-15-55 1201823 2869158 5-71					2		15,569	3.46	539						
1271844 GREEN MEAOOW VALEBURKE EOWIN..		1	22	1-86	22	3.1	16,830	3.33	561	**	27	-111	-.D1	-5	-7
08-21-52 1008926 2892262 1-71					5		17,613	3.37	594						
1271862 SILVIS FARM TRITOMIA LEAOER...*		8	13	1-23	40	3.5	13,717	3.59	492	23	50	-191	-.01	-8	-12
12-19-55 915940 2902149 5-71					19		14,116	3.62	511						
1272013 STONEFIELD OEAN LUCIFER XMAS..*	21-10	1,379	2	10-13,14,	2,242	2.4	15,582	3.47	540	10	99	+659	-.11	+7	+23
12-25-55 769170 2722255 9-70				16,21,23	21		15,026	3.57	536						
1272390 RANETT RAVEN MOOIE.....*		7	33	2-35,65	52	2.4	12,210	3.73	456	9	38	-59	+.03	+2	0
01-14-56 909839 3094450 5-71					13		12,194	3.66	446						
1272599 ELOONON MAESTRO PERRY.....*		6	6	2-33,35	19	1.6	12,046	3.7D	446	**	38	-554	+.02	-17	-28
11-26-55 1224078 3201018 5-71					7		13,453	3.66	493						
1272612 RAG APPLE PA8ST CHIEF.....*		1	15	1-21	15	4.1	15,559	3.63	565	8	27	+125	-.02	+1	+4
12-21-55 1024453 3336827 5-71					11		15,215	3.73	567						
1272863 OONMAC OAUNTLESS PRESIDENT....	11-01	120	5	9-11,12,	220	2.D	15,272	3.58	546	11	90	+550	-.04	+14	+26
12-10-54 1071565 2795597 5-71				13,35,71	19		14,738	3.62	534						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1272933 RYANCREST PABST VAR.....*		7	7	2-13,21	24	3.5	15,318	3.60	551	5	48	-260	-.02	-12	-17
12-30-55 984267 2772991 5-71					49		16,081	3.65	587						
1273038 MIDLAND MAGIC TALISMAN.....*	93-02	6	11	1-93	40	2.6	15,808	3.59	568	**	53	-373	-.01	-15	-22
11-14-55 1138451 3579128 5-71					80		16,805	3.62	609						
1273131 BRIGEEN GOLDEN BLANCHE.....*		23	15	7-13,16,	55	2.9	13,636	3.75	512	2	56	-458	+.09	-5	-16
11-28-55 1170426 3305511 5-71				21,22,23	11		14,520	3.62	526						
1273332 COMET FOBES CAPTAIN.....*		4	11	2-41,47	16	3.3	13,652	3.51	479	0	32	+28	+.01	+2	+2
12-10-55 1043856 2949240 5-71					10		13,521	3.46	468						
1273690 ROSAFE SHAMROCK SULTAN.....*		23	7	6-11,13,	58	2.5	14,630	3.61	528	11	68	+226	.00	+8	+13
08-06-55 010198998 010694211 5-71				14,21,31	24		14,337	3.61	517						
1273708 LOS ROBLES TIDY DE KOL.....		4	85	2-91,93	100	2.7	14,397	3.61	520	9	34	+23	.00	+1	+1
01-08-56 1209531 2880814 5-71					46		14,372	3.60	518						
1273726 DOUBLE TEE RAINBOW.....*		17	4	2-86,93	35	2.4	16,191	3.46	561	**	61	+426	-.07	+6	+16
03-15-54 1127434 3134654 5-71					68		15,669	3.55	557						
1273756 CSBORNDALE ERIC ORMSBY FOBES..	21-10	1,419	14	22-11,12,	7,475	2.3	15,551	3.74	581	12	99	+833	+.05	+38	+53
05-15-55 934577 3183213 5-71				13,14,16	19		14,799	3.70	547						
1273910 HAHNS DANDY LYNNDEN.....*		5	23	1-21	35	3.1	14,137	3.57	505	8	37	-7	.00	0	0
09-09-55 955493 3440754 5-71					18		14,184	3.56	505						
1274166 CLIFFSONED DICTATOR DE KOL....		1	15	1-35	15	4.4	13,440	3.64	489	0	27	-68	+.03	+2	0
01-22-56 1206025 3242790 5-71					13		13,662	3.51	480						
1274443 COMMONWEALTH KHR PRINCE JOE...		1	73	1-61	73	2.9	12,707	3.56	453	8	31	-86	+.01	-2	-4
03-31-55 1199323 3467378 5-71					27		12,885	3.56	459						
1274657 HAZEL BUSH CRESCENT REVLON....	41-25	47	27	5-35,41,	124	2.5	14,535	3.60	523	10	63	+349	-.09	0	+9
10-10-55 949159 3329393 5-71				42,47,48	15		13,985	3.75	525						
1274685 SKOKIE CREATION VICTOR.....*	93-02	30	34	6-32,33,	177	2.2	15,397	3.72	572	9	66	-379	+.12	+3	-7
11-30-55 1126982 3785611 5-71				85,86,93	83		16,200	3.55	575						
1274838 KAYTEE RAG APPLE SENSATION....*	35-03	82	2	5-21,35,	117	2.9	14,490	3.57	517	7	88	+21	-.07	-9	-7
12-27-55 1024453 2177529 5-71				63,74,91	15		14,524	3.66	531						
1274881 HIGH MEADOW FARM ADMIRAL.....*	21-01	19	1	3-13,21,	19	3.1	14,087	3.56	501	10	56	+270	-.03	+6	+12
02-04-56 769170 3592631 5-71				23	12		13,569	3.60	488						
1274936 CEDAR BROOK INVINCIBLE.....*		4	17	1-41	27	2.2	12,283	3.47	426	**	35	-354	-.02	-16	-22
02-24-56 1056882 3601692 5-71					6		13,238	3.57	472						
1275040 BURKE B F BUBBLER GYPSIE.....*		43	1	13-21,23,	52	2.2	13,575	3.56	483	**	76	-11	-.03	-4	-4
08-23-55 1202814 3342774 9-70				31,34,52	41		13,552	3.60	488						
1275114 SUTLAND WAYNE KING VICTOR.....*		3	51	1-42	55	2.9	13,028	3.69	481	13	31	-3	+.03	+4	+3
04-18-55 1109516 3725586 5-71					37		12,941	3.60	466						
1275215 OAKMULGEE DINA JUDGE JERRY....		1	47	1-52	47	2.7	14,273	3.56	508	**	30	+189	+.01	+8	+12
03-31-56 1189014 3009909 5-71					12		13,608	3.52	479						
1275318 ARLINDA ELSIE RAVEN.....		1	190	1-93	190	2.9	17,294	3.35	580	6	31	+40	-.01	0	+1
12-07-55 1150470 2936418 5-71					79		17,522	3.38	592						
1275353 SHANGHIGH DOUBLE EXEC DAISY...*		1	13	1-31	13	3.2	14,879	3.73	555	**	24	+52	+.02	+4	+5
03-03-56 1090258 2798840 5-71					35		14,746	3.69	544						
1275408 JON-DE GEORGE REBELER.....		2	24	1-35	44	3.0	13,259	3.70	490	17	42	-224	+.01	-7	-12
10-04-55 1216958 3342593 5-71					8		13,781	3.70	510						
1275561 DEAN CHURCH FARM ROBURKE.....*		4	21	1-21	28	3.4	16,520	3.37	557	5	34	+20	-.04	-5	-4
08-28-55 1065220 2085752 5-71					24		16,742	3.48	583						
1275637 EVERTOPS BURKE CONCENTRATION..*		5	6	2-35,42	19	3.4	13,424	3.55	477	0	44	+136	-.01	+4	+7
01-15-56 1235747 2927638 5-71					10		13,027	3.56	464						
1275766 THONYMA BURKE LOU LAD.....*		7	38	1-43	54	2.9	12,800	3.55	454	3	37	-240	+.02	-6	-11
02-23-56 1025416 3439972 5-71					17		13,394	3.51	470						
1276071 COLESTAR SIR FOBES MAGICIAN...*		3	5	1-93	10	1.3	15,860	3.51	557	**	25	-60	-.01	-3	-4
09-28-55 1138451 2928469 1-71					39		16,349	3.55	580						
1276089 EXRANCO LEADER.....	93-03	8	13	1-93	46	1.9	16,116	3.52	567	**	51	+219	-.04	+2	+7
02-13-56 1150470 3547421 5-71					136		15,879	3.59	570						
1276139 RAG APPLE BURKE PABST BILL....*		5	11	2-23,51	18	3.8	12,887	3.97	511	0	34	+88	+.06	+11	+11
02-28-56 1024453 2962940 5-71					8		12,485	3.81	476						
1276153 IVY BOWER EXCELLENT DICTATOR..*		5	16	1-91	36	2.8	15,852	3.39	537	**	43	+416	-.06	+6	+16
01-25-56 921070 3086210 5-71					7		14,987	3.51	526						
1276178 COLSTAH INVINCIBLE.....*		14	22	1-84	48	1.8	12,705	3.54	450	**	41	-354	+.01	-11	-18
12-17-55 1056882 3011085 5-71					71		13,540	3.52	476						
1276329 DOREIGH FARMS LUCIFER KING....*		23	13	4-14,21,	89	3.4	14,938	3.70	552	11	70	-140	+.02	-2	-5
02-21-56 1190632 2734352 5-71				23,51	24		15,274	3.69	563						
1276364 NEWBERRY PABST MODEL.....*		6	22	1-34	31	2.3	13,753	3.75	516	11	33	-263	+.05	-2	-8
02-18-56 1208165 3688081 5-71					11		14,635	3.61	528						
1276503 INKA CRESTON ARNOLMONT.....*		7	3	1-23	14	2.1	12,712	3.62	460	**	42	-495	-.02	-20	-29
09-18-55 906000 3692407 5-71					21		13,900	3.67	510						
1276558 V F W COEMENS ODUKE.....*		1	22	1-34	22	4.3	12,905	3.60	464	**	29	-45	+.01	0	-1
12-31-55 1211697 2678716 5-71					24		12,965	3.56	462						
1276579 SILVIS FARM KORNDYKE LEADER...*		5	4	2-23,58	13	3.6	13,416	3.48	467	**	39	-378	-.05	-21	-27
03-21-56 915940 2772150 5-71					52		14,427	3.64	525						
1276651 HARDEN FARMS AAGGIE ROMULUS...*		7	3	3-15,21,	13	3.8	13,217	3.64	481	17	43	-206	.00	-7	-11
11-15-55 1222989 2133718 5-71				51	12		13,674	3.66	500						
1276725 REDFIELD SKOKIE ORMSBY.....*		16	65	3-41,42,	131	2.3	15,311	3.58	548	5	45	+577	-.06	+12	+25
03-22-56 1038811 2885386 5-71				43	25		14,033	3.72	522						
1276784 DANBORO TRANSMITTER IROQUOIS..*		6	8	1-41	20	4.2	11,644	3.83	446	0	43	-469	+.07	-8	-19
12-17-55 1059819 3235646 5-71					8		12,597	3.68	463						
1276825 UTAG A BURKGOV SEGIS JOE-TWIN.*		3	7	1-93	14	1.9	16,329	3.54	578	38	31	+31	+.01	+3	+3
05-11-55 1038509 2692071 5-71					54		16,483	3.50	577						
1276909 HOMESTEAD DORIS POSCH.....*		1	10	1-63	10	5.4	12,769	3.41	436	0	26	-115	-.01	-6	-8
11-09-55 1065180 3120975 5-71					15		13,144	3.51	461						
1277314 PABST SIR LEADER RAG APPLE....*		149	1	19-16,21,	172	2.2	13,077	3.83	501	**	91	-830	+.21	-3	-24
03-11-56 915940 2365506 5-71				22,23,52	25		13,993	3.62	506						
1277341 MEISEGEIER OSMAN JOEY BOY.....*		4	7	1-35	12	4.8	14,992	3.52	527	0	32	+107	-.04	-2	+1
12-07-55 1177959 2768722 5-71					13		14,737	3.66	539						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1277484 MEISEGEIER REX CONRAD.....		2	22	1-35	24	3.5	12,952	4.15	538	5	30		+15	+.06	+9	+8
04-22-56 1056437 3000261 5-71					8		12,787	3.96	507							
1277619 CARNATION MADCAP GRANDIER.....	91-13	761	11	24-81,82,	3,304	2.2	15,107	3.51	530	8	99		+415	-.09	+2	+12
01-04-56 1152252 3339580 9-70				87,91,92	21		14,770	3.60	531							
1277664 ST CROIXCO INKA-TWIN.....*		4	29	2-35,74	51	2.9	12,337	3.53	436	**	41		-125	-.01	-6	-8
01-19-56 1213880 3104022 5-71					20		12,505	3.59	449							
1277923 HY-8ALL PRIDE OF THE ROCKIES..*		5	9	1-84	21	2.4	12,496	3.40	425	7	39		-184	-.05	-14	-16
03-20-56 1010936 2521581 5-71					4		12,863	3.56	458							
1278061 WERN FARMS LEADER COMET.....		1	15	1-35	15	1.5	10,636	3.47	369	15	22		-245	.00	-9	-14
12-22-55 915940 2988187 5-71					38		11,518	3.51	404							
1278146 SPIES ACE HIGH 8OY.....*		6	8	3-33,42,	21	3.7	13,376	3.51	470	6	43		-326	+.02	-9	-16
12-12-55 1221072 3357674 1-71				46	6		14,166	3.48	493							
1278464 DAVENPORT REGAL 8URKAYNE.....		1	11	1-42	11	2.1	10,783	3.94	425	10	22		-180	+.05	0	-5
02-21-56 1136165 3781802 5-71					7		11,340	3.69	419							
1278570 DESHONS SIR NETHERLAND OI LASS*		5	23	2-13,21	45	4.1	16,520	3.40	562	0	44		+666	-.07	+14	+29
10-12-53 968806 4213441 5-71					19		15,137	3.52	533							
1278644 SIR SEELEY ADANTHA GENE.....*	21-10	2,203	5	16-13,16,	6,414	1.8	15,998	3.45	552	12	99		+943	-.13	+15	+37
03-27-56 846425 3304894 9-70				21,23,35	22		15,174	3.57	541							
1278664 MONTSTATE HUNT HARK ACIC LAD..		10	1	2-21,83	12	2.3	14,830	3.57	529	11	43		+199	-.02	+5	+9
02-27-56 948558 2866722 1-71					19		14,419	3.60	519							
1278703 B D I PA8AUGO ACTOR.....	96-01	7	13	1-96	35	2.0	13,674	3.54	484	**	44		-189	+.01	-5	-9
10-22-55 975138 3258875 5-71					6		14,123	3.53	498							
1279169 FERTILE MEADOWS ADA HIGH8OY...*		8	5	3-31,35,	18	2.8	13,291	3.65	485	0	43		+117	+.03	+8	+10
07-12-55 1001768 3467811 5-71				43	14		12,915	3.58	463							
1279190 WILLARDS HOMESTEAD REVELATION.*	91-11	51	28	15-33,34,	196	2.9	13,383	3.57	478	11	72		-432	+.01	-14	-23
11-26-54 1001768 3265865 1-71				35,42,91	47		13,986	3.57	499							
1279204 AGASSIZ LANCE ROMEO ALERT.....*		6	7	2-91,92	20	2.6	14,191	3.38	480	**	42		-736	.00	-27	-42
02-14-56 010213439 010769681 5-71					13		16,181	3.42	553							
1279293 CASH-MAR JERRY DARKY LASSIE...*		12	18	5-22,32,	62	1.9	15,754	3.68	579	21	52		+484	+.01	+19	+28
01-01-56 1138441 3518647 5-71				34,35,81	48		14,910	3.66	546							
1279397 8URKE IMPERIAL NORMAN.....*		1	24	1-21	24	2.7	12,539	3.61	453	15	27		-281	+.04	-4	-11
06-18-55 956081 2892187 5-71					24		13,542	3.44	466							
1279466 WOOD8OURNE FAMILY MAN.....*	23-06	38	3	9-16,21,	66	3.1	13,422	3.53	474	17	77		-512	-.07	-28	-37
01-08-56 1007680 3221337 1-71				22,23,52	25		14,105	3.64	513							
1279641 CARNATION MADCAP INTRIGER.....*	35-03	229	4	16-21,33,	491	3.1	14,053	3.51	493	6	96		+142	-.10	-9	-4
01-22-56 1152252 3700611 1-71				34,35,63	15		13,901	3.63	504							
1279715 FOUR PINES ESTER 8URKE P.....*		11	31	3-35,41,	78	2.9	11,783	3.71	437	16	50		-656	+.08	-13	-28
02-29-56 1167507 3098036 5-71				45	21		13,015	3.55	462							
1279868 HOWACRES HOMESTEAD 8ARON.....*	72-01	64	12	11-12,13,	208	2.7	15,182	3.59	545	8	84		+695	+.01	+26	+40
02-06-56 1038118 3277789 5-71				14,65,72	30		14,403	3.58	516							
1279869 HOWACRES HOMESTEAD 8RADFORD...*		4	8	1-21	14	4.0	14,909	3.79	565	0	34		-171	+.04	0	-4
03-16-56 1038118 2645273 5-71					21		15,580	3.70	576							
1279897 8UDD FARM ACE SEGIS.....*		6	31	1-33	40	2.9	13,717	3.81	522	3	34		+97	+.02	+6	+7
12-18-55 1186187 3414099 5-71					11		13,377	3.78	505							
1279964 HARTSBROOK REGAL 8EETS.....*		5	28	3-16,22,	53	2.9	17,269	3.85	664	0	42		+560	+.07	+30	+39
06-01-56 1272986 2993088 5-71				51	42		16,164	3.74	604							
1280018 SKOKIE INKA PERFECTION.....*	63-02	26	8	4-35,63,	66	2.2	14,008	3.48	488	11	67		-151	-.06	-14	-16
05-18-56 1207280 3032112 5-71				73,84	12		14,268	3.58	511							
1280222 HARDEN FARMS AAGGIE PRINCE....*		6	53	1-21	120	2.9	15,437	3.85	594	12	49		-106	+.06	+4	+1
12-26-55 1222989 2442767 5-71					74		15,846	3.76	596							
1280240 CARRINGTON PROGRESSOR JIM.....		4	41	1-71	47	2.9	11,364	3.40	386	8	32		-334	.00	-12	-19
10-15-55 1214602 3356343 5-71					8		12,254	3.43	420							
1280357 MERIWETHER CHIEF OSHKOSH.....*		7	4	3-35,42,	14	3.4	15,224	3.49	532	0	42		+201	-.04	+2	+7
12-03-55 915940 2417826 5-71				72	12		14,832	3.57	530							
1280523 ELMOAK CURTISS CANDY DANDY....*		2	13	1-35	15	3.9	12,869	3.61	464	0	29		-242	.00	-9	-14
02-12-56 1054406 2679083 5-71					13		13,682	3.63	497							
1280588 PAGANOK PATRIARCH.....*		6	16	1-47	32	3.1	13,634	3.57	487	7	41		-146	-.02	-8	-10
07-12-56 1219042 3287529 1-71					15		14,001	3.64	510							
1280603 ZIMMERMAN ROYAL STARLINE DALE.*		11	10	2-73,74	34	2.4	13,701	3.53	483	5	50		-473	+.02	-15	-25
11-08-55 1009372 3406183 5-71					10		14,737	3.51	517							
1280615 OS8ORNDALE OLAN FO8ES.....	21-10	795	8	11-13,14,	2,410	2.4	14,859	3.74	556	11	99		+168	+.05	+13	+15
07-06-55 934577 2750411 1-71				15,16,21	21		14,772	3.70	547							
1280781 PA8ST CYCLONE REROAM.....*	91-11	37	8	12-13,35,	80	1.9	14,347	3.74	537	9	71		+94	+.04	+9	+10
12-31-55 1215958 3690058 5-71				41,42,56	16		14,245	3.70	527							
1281027 CON-DEL VOYAGEUR M.....*		17	2	6-31,32,	23	1.4	13,996	3.58	501	**	54		-263	.00	-10	-15
07-04-55 010197964 3947036 5-71				34,55,56	12		14,544	3.60	523							
1281068 CHINOOK JEWEL ROGER.....*		1	35	1-91	35	3.3	15,895	3.29	523	**	29		-35	+.03	+3	+2
04-13-56 1226459 2609753 5-71					49		16,248	3.16	513							
1281108 SANGARD TRITOMIA 8URKE.....*		9	29	1-93	61	2.8	14,926	3.58	535	0	45		+99	-.03	0	+3
06-09-55 963902 2509063 5-71					27		14,791	3.65	540							
1281232 LOS ROBLES KING PIETERTJE JO..*		5	19	2-86,93	37	2.7	13,981	3.73	521	**	41		-591	+.11	-7	-21
05-08-56 1214714 3460635 5-71					56		15,587	3.49	544							
1281258 TIFFIN COUNTESS AAGGIE IDEAL..*		2	103	1-31	105	2.8	10,999	3.60	396	10	31		-302	+.01	-10	-16
12-22-55 1013415 3205337 5-71					39		11,743	3.60	423							
1281300 B D I PA8EMPGOV ALGY.....	72-01	34	9	4-51,65,	96	2.7	12,989	3.35	435	2	75		-138	-.05	-12	-14
01-30-56 975138 3507143 5-71				72,74	24		13,089	3.41	446							
1281466 LUXANA IDEAL.....	34-01	109	3	2-32,34	168	2.3	13,959	3.60	503	15	89		-179	+.03	-2	-6
03-27-56 1013415 2741613 5-71					23		14,185	3.57	507							
1281479 B D I LUSOVAUTGO LAD.....*	21-10	284	7	8-11,12,	867	2.1	14,481	3.83	554	9	97		+145	+.13	+23	+23
02-18-56 769170 3865935 1-71				13,14,51	18		14,374	3.71	533							
1281711 TRINTER WIS 8URKE KORNDYKE....*		2	21	2-31,56	23	4.2	15,387	3.35	516	0	30		+217	-.04	+2	+7
09-26-55 1013415 3371391 5-71					27		14,742	3.47	511							
1282125 CHAM8RIC ESTEEM.....*		13	7	5-13,33,	30	3.3	13,972	3.54	494	5	53		-16	.00	-1	-1
05-18-56 1161476 3390352 1-71				35,46,73	16		14,011	3.55	497							

REGISTRATION NUMBER / NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1282185 SKOKIE GLAMOUR BOY.....*	61-02	2,087	9	45-21,31,	7,534	2.1	14,539	3.62	526	12	99	+220	-.04	+2	+7
11-02-55 1038509 3809891 5-71				33,61,74	22		14,359	3.66	526						
1282262 ELLBANK ADMIRAL ORMSBY PRIDE..*	21-10	1,101	6	11-11,13,	2,155	1.8	15,075	3.57	538	12	99	-226	-.02	-11	-15
03-06-55 1189195 3611573 1-71				14,16,21	25		15,456	3.59	555						
1282422 FAIR HILL REFLECTION SOVEREIGN*		4	21	1-51	28	3.1	14,306	3.77	539	4	33	+95	.00	+4	+6
03-25-56 010198998 2962054 5-71					49		14,030	3.78	530						
1282691 RICH-HERD MADCAP PROSPECTOR...	93-03	12	39	1-93	161	2.1	15,925	3.68	586	10	61	+16	+.05	+8	+7
10-18-55 1068877 3456096 5-71					129		16,116	3.60	580						
1282704 OVERALL ROBURKE LIZA PRINCE...	51-02	277	7	9-31,50,	648	1.7	14,193	3.55	504	9	96	+349	-.14	-7	+3
06-29-56 1024453 2326235 9-70				51,52,54	19		13,815	3.71	513						
1282720 OALE-MAR SMOKY BINGO.....*		10	31	1-48	76	2.4	13,659	3.48	476	9	48	-549	+.04	-15	-27
07-14-56 991875 3336470 5-71					21		14,889	3.43	510						
1282739 CRETE TIDY CHERRY HI-HOPE.....*	11-01	34	11	4-11,14,	74	2.2	14,441	3.87	559	22	66	-193	+.09	+6	0
10-07-55 972500 3439830 5-71				16,21	18		14,825	3.74	555						
1282845 LECHEROS WOOD APPLE.....		1	52	1-93	52	3.0	17,756	3.53	627	**	30	+333	+.02	+15	+21
01-31-55 1117082 2396947 5-71					165		16,951	3.46	586						
1282956 DABLERS CURTISS STAR.....		10	2	5-13,16,	14	1.8	15,356	3.65	561	25	43	-8	+.03	+4	+3
10-20-55 1179575 3603327 5-71				21,48,85	33		15,535	3.58	556						
1283040 ADDHR GOLDEN LORD.....	93-02	7	14	1-93	52	2.0	16,137	3.55	573	**	52	+38	-.02	-1	0
01-18-56 1215448 2947225 5-71					125		16,299	3.58	584						
1283079 OAGES NC SEVEN FLEET BILL.....*		6	38	1-31	62	2.1	15,646	3.45	540	13	38	+395	+.01	+16	+24
03-10-56 933074 3748474 5-71					38		14,687	3.39	498						
1283231 ROLINDA TOP JANET PATTY.....		2	84	1-93	86	2.6	15,389	3.52	541	9	31	+241	-.01	+7	+12
08-07-55 1004825 2184568 5-71					60		14,673	3.54	520						
1283232 TOP ROLINDA IRENE IKE.....*		2	23	1-93	25	2.2	14,545	3.53	513	**	28	-128	.00	-5	-7
08-27-55 1004825 2975080 5-71					68		15,135	3.55	538						
1283281 DIAMOND HILL COMMANDO K GEINA.*		10	14	4-23,50,	50	3.2	12,505	3.69	462	11	54	-343	.00	-12	-19
06-09-55 1210119 3631012 5-71				51,52	16		13,050	3.72	485						
1283286 ELMOKA MELLOW JOBO.....*		2	15	1-35	17	4.4	14,510	3.80	551	0	29	+128	+.03	+9	+11
04-28-56 1010660 2844742 5-71					26		14,084	3.71	523						
1283309 NOCKDAIR LEADER PHOEBE.....	91-13	384	9	7-81,82,	1,482	2.0	14,369	3.72	534	9	98	-423	+.11	0	-11
07-24-56 915940 3423191 9-70				91,92,93	18		14,899	3.60	537						
1283534 WIS BLACK SYMBOL.....*		3	9	2-23,51	13	1.4	12,667	3.58	453	**	24	-98	-.01	-5	-7
07-03-56 1189593 3650666 5-71					35		12,976	3.66	475						
1283596 REOFIELD MODEL FOBES REGENT...*		4	4	3-41,45,	10	3.9	15,108	3.71	561	11	33	+128	+.02	+8	+10
07-07-56 1038811 2744978 5-71				46	23		14,804	3.65	541						
1283619 RANETT RAVEN DIRECT.....*		8	3	4-33,35,	15	3.2	11,156	3.90	435	8	44	-589	+.06	-13	-26
03-17-56 1237350 3890717 5-71				55,64	15		12,337	3.74	462						
1283681 GRAY VIEW CRITERION SKYCHIEF..*	35-04	36	3	9-21,31,	56	2.9	13,657	3.68	503	8	74	-95	+.02	0	-2
07-16-56 1244844 2981945 5-71				35,41,42	16		13,769	3.65	503						
1283833 STRICKLEROALE ROBINHOOD OOPEY.*		3	26	1-23	33	3.9	13,270	3.72	493	5	34	-291	-.02	-13	-18
08-15-56 1141306 3428983 5-71					23		14,147	3.81	539						
1283911 WOODYROW COLANTHA OEEN LOUIE..		4	47	3-21,23,	53	4.0	14,981	3.65	547	5	34	-23	+.01	+1	0
11-01-55 846425 3202752 5-71				35	15		15,174	3.61	548						
1283917 TIDY BURKE FORTY-NINER.....*	33-03	2,988	5	47-21,23,	6,600	2.1	15,242	3.42	522	11	99	+652	-.17	-2	+15
07-29-56 1196645 2948519 5-71				33,41,48	21		14,659	3.60	528						
1283932 FO LO PEANUT FAIRCHILD ORMSBY.*		6	11	2-52,55	41	2.5	13,026	3.83	499	4	52	-198	+.08	+4	-2
01-11-56 944516 3226676 5-71					21		13,347	3.67	490						
1283933 FO LO EL PIEBE MARKSMAN.....		5	8	3-33,34,	15	4.1	13,294	3.85	512	13	35	-99	+.08	+8	+4
03-15-56 1084502 3225235 5-71				52	9		13,540	3.61	489						
1283950 WHIRLHILL BRUTUS.....*		15	67	3-43,71,	141	2.4	14,286	3.76	537	17	46	-122	+.05	+2	-2
02-05-56 1104074 3514852 5-71				74	29		14,619	3.67	537						
1284051 MONARCHIAL SYMBOL LOCHINVAR...*		7	3	2-35,41	12	3.3	13,313	3.73	496	11	40	-187	+.03	-2	-7
10-01-55 1205994 3302671 5-71					10		13,760	3.66	504						
1284149 GANGWERS PRESIDENT MAJOR.....*		7	6	4-35,42,	26	2.8	11,155	3.54	395	0	51	-638	+.02	-21	-34
02-27-56 1071565 3479035 5-71				47,73	6		12,251	3.53	432						
1284262 CARNATION MONARCH PRESIDENT...*		2	14	1-35	18	3.1	15,486	3.63	562	**	30	+380	+.01	+15	+22
04-08-56 1090974 2931901 5-71					14		14,265	3.60	514						
1284298 ARESKU SENABOY BUTTERKING.....*		5	45	2-52,57	59	3.0	14,091	3.79	534	6	36	-198	+.04	-2	-7
09-27-55 010231875 010688572 5-71					23		14,729	3.71	547						
1284643 ORMSBY IDEAL BURKE DON.....*		6	7	3-23,31,	16	1.8	12,575	3.59	451	**	34	-403	-.03	-18	-25
05-27-56 933122 3132913 5-71				35	11		13,727	3.68	505						
1284765 FROMAGE COLONEL GRAYSON.....	33-03	115	2	21-21,23,	150	2.6	13,180	3.68	485	18	90	-621	+.07	-13	-27
12-18-55 1056882 2905149 5-71				33,35,41	15		13,864	3.61	500						
1284868 KREMEIER LOCHINVAR ORMSBY OAN.	35-75	195	4	32-48,55,	324	1.6	14,113	3.59	506	12	93	-468	-.01	-18	-27
04-08-56 1161428 3011359 5-71				57,73,93	33		14,695	3.60	529						
1285278 PANSCO IDEAL.....		1	99	1-93	99	2.9	17,009	3.42	581	8	30	-92	+.02	0	-2
05-02-56 1150470 3348388 5-71					99		17,693	3.36	594						
1285296 HARDEN FARMS DUKE TERRY.....*		4	19	1-21	25	3.2	16,454	3.48	572	10	32	+354	-.02	+10	+17
07-04-56 1112211 3629264 5-71					9		15,503	3.52	546						
1285336 MICHIGAN LOCHINVAR BART.....*		4	18	1-34	31	2.2	13,899	3.92	545	10	36	-475	+.17	+6	-7
04-09-56 1051232 3423868 5-71					13		15,360	3.46	531						
1285440 KYLAND PREMIER GALLANT.....*		5	51	3-35,51,	59	2.8	13,080	3.41	446	7	33	-165	-.02	-9	-12
10-05-56 1126392 3314214 5-71				73	26		13,545	3.49	473						
1285450 PENSTATE LADY STAR ROAMER.....*		17	7	3-23,51,	41	3.2	13,849	3.85	533	15	61	-72	+.11	+13	+9
06-26-56 1066229 3559223 5-71				52	31		13,971	3.67	513						
1285457 BROWNMONT BEETS GETTIE.....*		1	12	1-43	12	3.1	13,185	3.94	519	**	25	+187	+.03	+11	+14
11-29-55 1227025 3448315 5-71					24		12,274	3.85	472						
1285673 WOLFSEN ACRES ROMEO PREFERRED.		4	15	2-64,93	31	1.8	15,165	3.60	546	20	38	-293	+.03	-7	-13
03-29-56 1102213 3C77495 5-71					55		16,163	3.55	573						
1285676 ROLLINGMEAD RENOWN TOM.....*		6	26	1-32	43	3.8	14,798	3.75	555	6	41	-172	+.05	0	-4
05-15-56 1222608 3793112 5-71					13		15,363	3.66	563						
1285695 ROSNI SHAWS DAUNTLESS DICNE...	52-01	370	7	3-52,54,	1,224	2.5	13,294	3.51	466	11	98	-543	-.06	-28	-37
09-08-56 1048678 3632389 1-71				55	26		13,841	3.58	495						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	DAUS HM/DAU	REC/DAU HERDMATE	MILK MILK	% %	FAT FAT	% 1ST INC	% REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1285747 RIDGELO HOMESTEAD PRINCE.....		2	11	1-35	14	1.6	11,9D1	3.36	40D	**	26	-168	-.D4	-11	-13
D3-15-56 10D4144 3625444 5-71					6		12,4D1	3.53	438						
1286134 ARKEN CARNATION BURKE BOY.....*		6	12	1-42	36	3.3	13,3D3	3.79	5D4	5	49	+86	+.D3	+8	+9
11-08-55 1DDD39D 3372221 5-71					5		13,D38	3.73	486						
1286143 DIAMOND CREEK R A SOVEREIGN...*		17	3	4-32,34,	3D	2.2	14,D89	3.44	484	25	59	+24D	-.D8	-3	+4
10-03-56 1024453 3318134 5-71				52,61	8		13,656	3.58	489						
1286145 RYANCREST ADMIRAL CHIEF.....*		6	8	1-21	17	4.D	12,619	3.68	465	7	39	-774	+.D4	-23	-39
09-17-56 1235166 3D52735 5-71					13		14,696	3.61	530						
1286275 SHAWS H H TIDY PAUL-TWIN.....		1	18	1-21	18	2.9	13,71D	4.09	561	**	27	-15	+.08	+1D	+8
03-06-56 972500 3342551 5-71					11		13,752	3.83	527						
1286315 LIN LAIR TRIUNE FIREMAN.....*		2	14	1-35	16	3.4	15,D97	3.31	499	D	29	+482	-.09	+5	+17
07-12-56 1234711 3254626 5-71					1D		13,347	3.6D	481						
1286632 ARCHAMBAULT AD TITUM.....*		28	4	10-21,23,	45	3.5	14,925	3.69	551	3	69	+62D	+.D6	+31	+42
07-26-56 1244845 3145434 5-71				33,35,64	16		14,D39	3.61	507						
1286840 MERIWETHER HECTOR LEADER.....*		7	29	4-31,35,	45	3.5	15,279	3.38	517	6	39	+523	-.08	+8	+20
09-07-56 91594D 2589153 5-71				42,57	16		13,923	3.56	496						
1287023 SHAWS CRETE DUNLOGGIN AIM TIDY*	55-01	52	9	2-55,61	160	2.6	14,735	3.67	541	23	83	-333	+.D9	D	-9
08-10-56 9725D0 3459607 5-71					3D		15,27D	3.58	546						
1287085 OSBORNDALE JOE FOBES.....*		6	5	5-13,21,	13	4.1	13,7D2	3.55	487	20	36	-104	-.D2	-6	-8
03-29-56 934577 2475920 5-71				22,23,51	27		13,998	3.63	508						
1287090 OSBORNDALE SIR FOBES IVANHOE..	35-21	1,219	8	19-35,41,	4,397	2.1	13,683	3.86	528	15	99	-336	+.17	+11	0
09-15-56 1189870 3539319 1-71				42,43,47	15		14,D31	3.69	518						
1287181 POESTENKILL BELLE BOY JOHN....*		13	5	6-13,21,	33	2.7	13,302	3.85	512	31	59	-935	+.12	-18	-39
11-07-55 1259D69 2234092 5-71				23,34,35	17		15,0D5	3.66	549						
1287412 SHAWS PILOT DAUNTLESS LESEYLA.*		59	12	11-11,12,	190	2.9	15,719	3.8D	597	9	83	+17	+.05	+8	+7
11-06-56 1094305 285211D 5-71				16,21,52	25		15,893	3.76	597						
1287488 SHERRY KANSTACOL QUARTERMASTER		1	1D	1-48	10	2.6	1D,569	3.63	384	10	22	-74	+.D1	-1	-3
10-06-55 939457 2952176 5-71					5		10,568	3.62	383						
1287534 BRIGEEN ENCHANTED PRINCE.....*		8	10	1-61	52	2.1	13,696	3.84	526	**	58	-161	+.D7	+4	-1
04-20-56 1177222 2927113 5-71					15		13,979	3.72	520						
1287786 RUBY ACRES LEADER HEMAN.....*		9	49	4-33,35,	64	3.8	14,520	3.79	551	11	37	+55	+.02	+5	+6
10-22-56 915940 24757D1 5-71				56,63	20		14,418	3.75	540						
1287857 MILKMAN TIDY JOE.....*		2	8	1-35	11	5.1	13,52D	3.4D	46D	0	30	-1D2	-.03	-8	-9
10-27-55 1232386 3296627 5-71					17		13,851	3.52	488						
1287883 MAVIEW DIRECT WALKER.....*		7	33	2-12,13	49	3.1	14,469	3.91	566	15	37	-119	+.07	+5	+1
11-02-56 1209370 2863154 5-71					15		14,889	3.75	558						
1287933 MAUR-LIND LOCHINVAR VAMP.....		1	77	1-93	77	2.8	16,930	3.40	575	**	30	+18	-.D3	-3	-2
08-11-56 961535 3209136 5-71					177		17,195	3.48	599						
1288105 H S F DEAN WALLIE.....*		9	8	4-16,21,	29	2.7	15,215	3.42	52D	5	49	-55	-.11	-17	-16
12-04-56 1190632 2995399 5-71				22,51	25		15,483	3.63	562						
1288130 HEUERS INVINCIBLE BURKE.....		2	15	1-41	17	1.8	14,289	3.60	514	**	25	+15	.DD	0	D
07-20-56 1D56882 30D3354 5-71					1D		14,261	3.6D	513						
128831D WIS DYNAMO SUPERIOR.....*		11	31	2-35,42	53	3.9	15,282	3.91	597	4	43	+393	+.02	+17	+24
10-31-56 1192327 3329574 5-71					27		14,408	3.91	564						
1288568 GILKEY HI HOPE WALKER.....*		4	9	1-41	22	3.4	13,684	3.71	508	12	41	-2D3	+.01	-6	-1D
01-28-56 1135651 3497256 5-71					11		14,209	3.72	528						
1288607 SKOKIE X GOLDEN PRINCE.....*		9	29	3-35,61,	75	2.5	13,728	3.79	520	13	49	-549	+.04	-14	-26
10-20-56 1079736 3808D42 5-71				63	28		14,947	3.72	556						
1288674 FRIESEN SIR ROBURKE ROYAL.....*	33-03	5	5	3-43,46,	14	3.3	14,135	3.71	525	**	39	-157	+.D3	-2	-6
10-15-56 1024453 3287228 5-71				92	9		14,613	3.66	535						
1288849 MEISEGEIER MAYBELLE REMUS.....		1	16	1-35	16	1.8	14,117	3.85	544	**	23	+348	+.D2	+15	+21
08-28-56 1033472 4254479 1-71					2		12,449	3.82	475						
1289090 HARDEN FARMS KING MERIDIAN....*		9	2D	5-23,41,	39	2.8	13,626	3.84	523	11	42	-82	+.01	-2	-4
10-27-55 903720 3542786 5-71				42,47,51	10		13,812	3.87	534						
1289D92 TEXAL RICH-HERD HIGHCROFT.....*		4	13	3-82,85,	26	2.8	16,488	3.4D	56D	8	4D	+487	-.D5	+10	+21
08-05-56 01016D321 D10600971 5-71				87	64		15,401	3.49	537						
1289440 BUTTERFIELD BURKE PROGRESSOR..*		2	9	1-55	12	4.8	12,767	3.52	450	0	31	-98	.DD	-4	-6
11-08-56 1013413 3980608 5-71					16		12,998	3.56	463						
1289479 MAVIEW MALCOLM PILOT.....*		21	8	8-11,12,	69	3.4	14,238	3.79	539	5	71	-221	+.08	+3	-3
11-29-56 1094305 3673591 5-71				14,15,16	36		14,617	3.68	538						
1289524 VALLA VISTA MARY POSCH 8.....		3	9	2-41,48	12	2.5	1D,369	3.73	387	**	28	-417	+.02	-12	-21
11-21-56 1245358 380294D 5-71					5		11,635	3.67	427						
1289574 NETHERLAND TIDY SKYHAWK.....	41-01	1,195	8	30-41,42,	4,060	2.D	14,496	3.56	516	13	99	+113	-.03	0	+3
10-15-56 1233487 3921826 5-71				45,46,48	15		14,431	3.58	517						
1289578 KYLAND CASCADE BURKE 19TH.....		2	9	2-35,46	11	3.8	14,168	3.45	489	18	27	+264	-.D2	+6	+12
11-10-56 1063862 2464644 5-71					6		13,D86	3.55	464						
1289746 CLAYMOOR WALKER DICTATOR.....*		3	22	2-84,87	29	3.5	13,990	3.60	503	11	34	-94	.00	-3	-5
09-13-56 1165478 2681182 5-71					14		14,31D	3.61	517						
1289854 CRACKERLAND HOMESTEAD REMER...*		5	8	1-57	21	3.2	15,260	3.57	545	0	42	+173	-.02	+3	+7
11-20-56 1000390 2996414 5-71					16		14,948	3.63	543						
1289907 CYCLONE PABST SALLY LEADER....*		5	7	2-35,61	16	3.8	15,23D	3.58	545	13	38	+445	-.04	+11	+21
09-05-56 1215958 39D7247 5-71					14		14,064	3.67	516						
1289910 MACHOLD ORMSBY SHIAWANA.....*		5	21	1-21	31	3.7	13,D07	3.6D	468	8	37	-68	+.D1	-1	-3
D7-26-56 1087974 3231444 5-71					24		13,11D	3.58	469						
1290091 KEARSARGE GOVERNOR.....		2	20	1-12	22	3.1	13,625	4.04	550	8	29	-50	+.04	+4	+2
09-19-56 1256422 348479D 5-71					12		13,785	3.9D	538						
1290095 WETONA STRATHAVEN PIETJE.....*		4	7	1-23	12	1.8	12,771	3.57	456	**	28	+28	-.01	-1	D
01-09-56 1248311 2867723 5-71					13		12,529	3.66	458						
1290107 CHRISTY HOMESTEAD COUNT.....*		3	11	2-55,84	16	4.5	13,545	3.50	474	0	33	-309	+.04	-6	-13
10-21-56 1141851 3298347 5-71					20		14,543	3.41	496						
1290151 SEGIS SPRING FARM SURPRISE....	23-13	169	5	6-23,34,	305	1.6	13,677	3.78	517	11	92	-142	+.08	+6	+1
10-24-55 010212300 010651164 1-71				51,52,54	21		13,821	3.70	511						
1290180 OSBORNDALE FEROUS ORMSBY FOBES	16-01	17	2	3-14,16,	22	2.5	13,620	3.71	505	13	57	-55	+.01	0	-1
11-05-56 934577 4052244 5-71				34	22		13,693	3.71	508						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1290714 HOWACRES HOMESTEAD MADISON....*		18	10	4-11,13,	63	2.4	14,346	3.62	520	29	64		-213	-.07	-17	-20
07-17-56 1038118 3266199 5-71				14,16	20		14,761	3.75	553							
1290726 FRAN-WILL P R ADMIRAL.....*		25	54	4-52,55,	102	3.5	14,006	3.63	509	7	45		+22	.00	+1	+1
11-22-56 1109864 2703929 5-71				56,57	20		13,960	3.64	508							
1290905 G & B CARNATION COLANTHUS.....*		7	2	2-21,33	10	3.1	13,385	3.71	496	**	39		-104	+.08	+7	+3
02-14-54 977276 3139031 5-71					15		13,622	3.49	476							
1290961 SWEET REST WIS BURKE DAUNTLESS*		14	61	3-11,13,	102	3.6	16,379	3.60	590	9	43		+441	-.03	+12	+21
11-20-56 1013415 3229496 5-71				14	23		15,517	3.66	568							
1290976 LONGMOOR PAGE DESIGN GOVERNOR.		2	9	1-52	11	2.0	13,184	3.82	504	**	23		-199	+.02	-5	-9
07-15-56 944516 3681572 9-70					23		14,068	3.80	535							
1291007 HICKORY FIELDS SUPERIOR PETE..	21-01	65	1	2-13,21	71	3.4	13,868	3.55	492	10	83		+33	-.01	0	+1
12-07-56 922288 3475856 5-71					17		13,815	3.56	492							
1291097 HAEGMAN DICTATOR EDEN GOVERNOR*		7	19	2-32,34	45	3.6	14,757	3.61	533	7	48		+127	+.03	+9	+11
06-28-55 1209569 3729790 5-71					10		14,554	3.55	516							
1291151 TRIPLE-N HELEN BURKE BILL.....*		2	39	1-52	41	3.7	15,356	3.47	533	0	31		+206	-.01	+6	+10
06-16-56 1221917 3172372 5-71					22		14,771	3.47	513							
1291173 RIDGEPORT ACE.....*		4	5	2-48,91	12	4.2	16,631	3.42	568	0	37		+735	-.08	+15	+32
06-23-56 1023055 3215093 5-71					35		14,709	3.60	529							
1291226 PAL-VER ROBURKE FOBES DAVE....		1	40	1-32	40	4.1	13,872	4.06	563	3	31		+33	+.06	+9	+8
03-23-56 1024453 3144003 5-71					18		13,747	3.92	539							
1291288 MOUND VIEW ROBURKE R A DESIGN.*		6	15	1-35	31	3.5	13,165	3.44	453	5	40		+22	-.05	-6	-4
01-17-56 1024453 3463329 5-71					7		13,018	3.58	466							
1291404 EILLOC MAINMAST-TWIN.....*		5	5	2-34,86	14	2.7	16,287	3.48	567	**	37		+441	.00	+16	+25
01-24-56 1095002 3093137 5-71					91		15,227	3.45	526							
1291415 HASTINGS ORMSBY ELTON KING....*		4	13	1-47	20	2.7	15,440	3.47	536	**	33		+51	-.03	-3	-1
08-14-55 906918 2930567 9-70					32		15,434	3.58	552							
1291418 LESSLY IMPERIAL GREEN TOP.....*		2	18	1-35	20	3.3	13,141	3.50	460	11	29		+334	-.04	+6	+14
03-26-55 1250284 3769282 5-71					38		11,777	3.66	431							
1291462 CASH-MAR T M PERFECTION ORMSBY*		6	12	1-52	22	3.9	13,729	3.63	499	6	38		+178	+.03	+10	+13
10-27-55 1028260 3042298 5-71					28		13,182	3.55	468							
1291478 FARMSTEAD RAINBOW TREASURE....		4	11	1-34	20	2.8	14,910	3.51	524	0	37		+366	+.01	+14	+21
11-19-56 1197085 3805808 5-71					13		13,907	3.47	483							
1291533 MAPLE GROVE CRUSADER HAPPY LAD*		4	20	1-13	41	2.2	14,869	3.30	490	29	41		-255	-.12	-26	-28
12-20-55 1158721 3118075 5-71					20		15,668	3.59	562							
1291627 CROCKER BURKE DIRECTOR.....*		5	4	1-31	14	2.7	13,180	3.47	458	22	40		-360	+.01	-11	-18
08-05-56 1013415 2639287 5-71					24		14,100	3.45	487							
1291783 DOLVIC ORMSBY FOBES RDBURKE...	41-01	566	3	10-35,41,	1,101	2.0	14,084	3.66	515	14	98		-146	+.06	+3	-1
03-08-56 1024453 3505773 1-71				42,45,46	13		14,266	3.60	513							
1291833 PABST STORM.....*		11	21	3-22,31,	42	3.6	16,415	3.64	598	11	44		+643	-.04	+18	+32
10-22-56 1215958 3038141 5-71				34	13		15,070	3.73	562							
1291880 SAMSDN WINDING BRDOK COMOGRAM.*		7	5	3-33,34,	14	3.4	12,251	3.58	439	0	40		+121	-.02	+2	+5
03-21-54 010203450 010504832 5-71				73	13		11,725	3.62	425							
1292081 CORNMANS PIEBE POSCH DEAN.....	63-01	37	4	1-63	89	2.4	12,714	3.63	462	2	80		-284	+.02	-7	-13
01-23-56 1182359 3317623 5-71					19		12,974	3.61	468							
1292150 HONEYWOOD MASTERPIECE FROSTY..*		2	17	1-35	22	4.9	11,503	3.71	427	0	33		-295	-.02	-14	-19
04-10-56 930692 3541320 5-71					11		12,218	3.85	470							
1292274 TABUR COCHRAN BELL BOY-TWIN...*		13	18	3-43,48,	56	2.5	12,302	3.33	410	7	52		-197	-.05	-14	-17
01-03-57 1007680 3492766 5-71				74	9		12,546	3.44	432							
1292391 HEERSCHE PERFECTION ALADDIN...*		5	7	2-48,71	26	3.6	12,045	3.50	422	10	48		-186	-.02	-9	-12
11-06-56 1206167 2644621 5-71					14		12,266	3.55	436							
1292438 CARNATION DOUBLE BUTTER BOY...	41-25	60	9	6-32,35,	113	2.4	13,422	3.54	475	16	78		-378	-.06	-22	-28
11-06-56 1152252 3263431 5-71				41,42,47	16		13,907	3.63	505							
1292446 CARNATION PUBLISHER.....*		6	21	1-32	37	2.8	13,558	3.74	507	16	39		-234	+.06	0	-6
10-30-56 1090974 3734867 5-71					8		14,181	3.60	511							
1292458 ROCKCREST LEADER.....	91-11	213	3	6-33,41,	386	2.4	13,004	3.52	458	21	95		-384	-.09	-26	-32
01-05-57 915940 2675146 5-71				42,43,73	13		13,349	3.63	484							
1292482 SANMARGALE WIS SIR TIDY.....	87-01	111	19	7-41,45,	221	1.8	14,545	3.57	519	8	78		+30	-.07	-8	-6
09-20-56 1068870 2475596 5-71				46,82,87	19		14,569	3.66	533							
1292515 PRINCE CARNATION HEILO.....		2	9	2-64,72	11	1.2	11,899	3.68	438	9	21		-298	+.01	-10	-16
10-30-56 990952 3960515 1-71					13		13,278	3.68	489							
1292699 HAYSSEN FONO MASTER.....*	91-11	448	4	39-13,21,	655	2.0	14,449	3.67	530	12	97		-28	+.04	+5	+3
01-13-57 1250992 3925766 1-71				23,35,41	21		14,538	3.62	527							
1292863 WILLOWDALE IDAHO FOBES CUPID..	87-01	30	3	2-82,87	48	1.6	14,234	3.43	488	13	69		-251	-.05	-16	-20
10-15-55 919383 2762224 5-71					16		14,671	3.50	514							
1292876 MOOSEHEART BELLE RINGER.....*		5	4	2-33,35	16	4.8	12,185	3.58	436	25	46		-327	-.02	-14	-20
05-11-56 1232129 3854430 5-71					13		12,790	3.64	466							
1292911 BESSIE B F RETURN PIEBE.....*		5	9	2-31,87	28	2.9	13,055	3.69	482	9	47		-206	+.01	-6	-10
10-13-56 1197956 3582827 5-71					9		13,448	3.69	496							
1293240 CHEMUNG FOLLOW CROSS.....*		22	5	5-21,23,	49	2.8	14,104	3.44	485	22	67		+449	-.11	0	+12
01-02-56 1216270 2327710 5-71				48,51,63	12		13,374	3.62	484							
1293254 KYLAND AMY LEADER.....*		19	9	4-33,35,	40	2.7	15,447	3.59	554	3	57		+408	-.07	+4	+14
01-02-57 1262613 2464654 5-71				41,42	23		14,811	3.72	551							
1293283 ELMVILLE BURKE SIR BESS PEARL.		1	13	1-34	13	3.0	14,472	3.47	502	**	24		+160	-.02	+3	+7
02-18-56 1029659 3363223 5-71					11		13,799	3.54	489							
1293401 LYON BRDDK WALLIE PRINCE.....*	63-01	69	2	9-21,51,	106	3.3	13,785	3.54	488	15	87		+328	-.08	0	+9
05-31-56 1190632 3938067 5-71				52,55,63	17		13,348	3.64	486							
1293551 LAMAGA GENERAL YUCCA CDOKY....*		2	23	1-21	41	3.2	14,902	3.64	543	9	41		-47	+.01	0	-1
12-14-56 1015246 2796802 5-71					35		15,138	3.64	551							
1293643 STAR DUST GREGORY RAVIER.....*		7	17	1-42	65	3.3	14,711	3.33	490	8	59		+80	-.08	-9	-5
01-23-57 1235911 2780207 1-71					12		14,644	3.46	507							
1294414 FOREST GREENE BONHEUR DEAN....*		2	21	1-21	23	4.3	17,470	3.63	634	**	30		+232	+.03	+12	+16
12-04-54 1226091 2171216 5-71					11		17,007	3.55	604							
1294498 SUGARLAND MASTER DUNLOGGIN AIM*		4	5	2-31,91	11	2.4	14,834	3.34	495	**	31		+60	-.06	-6	-3
11-11-55 1207114 4099170 9-70					13		14,715	3.53	520							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1294543 UTAG A BURKGOV JOBE STUB.....		3	9	1-93	24	1.4	16,553	3.26	540	8	38		+31	-.07	-8	-6
06-14-55 1038509 2952122 5-71					86		16,750	3.41	572							
1294552 UTAG SKYLARK EX JACK.....		7	52	3-83,87,	99	1.2	18,045	3.29	593	**	38		+500	-.06	+9	+20
12-21-56 1239242 3961563 5-71				93	87		17,027	3.38	576							
1294698 COMET STARLIGHT HEWITT.....*		5	12	1-35	24	3.6	14,020	3.68	516	0	40		-91	+.03	+1	-2
11-04-56 1110594 3349419 5-71					15		14,282	3.61	516							
1294728 ELMER BROOK PREMADE HOMESTEAD.*	42-08	8	11	1-42	41	3.0	13,646	3.63	495	8	54		+270	+.01	+11	+16
09-27-56 1088846 3470587 5-71					35		13,054	3.61	471							
1294759 WAL-DORIS POWERHOUSE DUKE.....		1	22	1-35	22	2.6	12,103	3.45	418	14	27		-43	-.03	-6	-6
02-09-57 1191201 2699609 5-71					4		12,081	3.63	439							
1294802 CANARY HOMESTEAD PROGRESS.....*		1	25	1-41	25	3.0	12,800	3.73	478	0	28		-55	+.01	0	-1
11-05-56 1189010 3155368 5-71					8		12,895	3.71	478							
1294904 WINDY SHADE CANARY BARON.....*		4	16	2-22,23	21	3.3	14,697	3.63	533	6	32		+171	-.02	+4	+8
12-19-56 1218293 3582417 5-71					15		14,180	3.68	522							
1294924 GLENAFTON GAIETY.....*		89	12	20-21,23,	169	2.2	13,413	3.89	522	21	80		-921	+.13	-16	-37
03-28-56 010239301 010723716 5-71				31,34,52	42		14,628	3.75	548							
1295296 ECHO VALLEY LEADER WALK.....*		1	12	1-35	12	3.4	10,304	3.77	388	0	25		-357	+.03	-9	-17
11-05-56 1230109 3498760 5-71					13		11,485	3.65	419							
1295312 MAPOVAL UNIFORM.....*		11	24	3-21,23,	52	2.7	14,307	3.61	516	22	44		-386	-.08	-25	-31
09-10-56 1131805 2882909 5-71				51	27		15,322	3.81	584							
1295522 PINEYHILL DON JUAN.....*	22-03	304	9	8-21,22,	1,044	3.1	13,850	3.76	521	8	97		-433	+.08	-5	-15
04-14-56 010198998 3326003 9-70				23,51,93	25		14,336	3.70	530							
1295523 PINEYHILL SULTAN.....	93-16	80	11	11-21,23,	312	1.8	16,934	3.57	605	11	89		+734	-.01	+25	+40
08-01-56 010198998 3235970 1-71				81,91,93	35		16,345	3.58	585							
1295607 ORMSBY BURKE ROSE MERCURY.....*	93-05	6	12	2-35,91	21	3.7	13,615	3.55	484	6	36		+1	.00	0	0
01-13-57 1196645 3836385 5-71					8		13,577	3.58	486							
1295637 WOODBOURNE INKA SUPREME.....*		82	2	21-21,23,	98	1.9	13,242	3.54	469	**	85		-545	-.05	-27	-37
10-28-56 1007680 3704968 5-71				31,34,63	55		13,881	3.62	502							
1295767 SEGIS ORMSBY JOHN EBONITE.....*		1	14	1-23	14	5.6	14,159	3.92	555	0	27		+37	+.05	+8	+8
06-02-56 1205579 2794406 5-71					9		14,031	3.76	528							
1295796 CRESCENT BEAUTY CHEVRON.....*	33-03	101	4	20-21,23,	158	2.2	12,798	3.64	466	17	87		-1,240	+.05	-39	-65
09-28-56 1206641 3398005 5-71				33,35,42	18		14,248	3.60	513							
1295803 PUGET SOUND STYLE LEADER.....*		11	21	3-91,92,	75	3.4	15,314	3.63	556	0	58		-24	+.05	+6	+4
09-13-56 915940 3880117 5-71				93	14		15,515	3.55	551							
1295866 SPRITE INKA ELMER.....*		2	10	1-34	13	3.5	13,864	3.45	479	13	29		-224	-.03	-12	-16
03-27-56 1188548 3284701 5-71					12		14,727	3.56	525							
1296313 WISBEE GENERAL.....*		9	15	5-16,21,	48	4.2	15,714	3.70	581	12	54		+136	+.08	+16	+17
01-21-57 955493 3742188 5-71				23,42,52	17		15,634	3.56	556							
1296322 CLYDE HILL ELATION ROSA.....*		6	29	1-43	68	3.0	13,890	3.59	498	7	48		+83	+.01	+4	+5
02-13-57 1257834 3166913 5-71					17		13,693	3.57	489							
1296494 N O H NABOTH QUEEN LEONA.....*		6	29	1-73	42	2.6	13,091	3.27	428	8	35		-370	-.03	-17	-24
11-28-56 981308 3765078 5-71					22		14,167	3.37	478							
1296790 HILLPINE SKYCHIEF.....*	41-25	26	16	3-35,41,	57	2.6	15,088	3.56	537	21	54		+384	-.07	+4	+13
11-12-56 1244845 3859494 5-71				42	12		14,422	3.69	532							
1296819 RIVER VALLEY WALLIE SUPREMACY.*		20	21	4-14,21,	72	2.7	16,188	3.73	604	27	55		+244	-.01	+8	+13
01-19-56 1190632 3002373 5-71				23,57	19		15,940	3.76	599							
1296823 LYON BROOK WALLIE CHIEF.....*		16	11	2-21,23	48	3.2	15,869	3.45	548	14	58		+366	-.13	-5	+5
02-06-57 1190632 3873403 5-71					16		15,381	3.67	565							
1296957 MELLOW GREENDALE PABST.....		6	29	1-41	44	2.9	13,301	3.62	482	26	37		+30	.00	+1	+2
01-15-57 1010660 3834229 5-71					8		13,139	3.63	477							
1297296 VERNWAY LEADER SCOTT.....	92-01	90	4	4-82,87,	200	2.6	13,427	3.57	479	7	90		-688	-.01	-26	-39
07-11-55 955524 3206996 5-71				91,92	17		14,219	3.59	510							
1297340 WIS SYMBOL BURKE COUNT.....*		4	4	2-35,41	10	3.0	13,310	3.43	457	0	33		+31	-.04	-4	-3
02-07-57 1189593 3951165 5-71					12		13,134	3.58	470							
1297400 KING SHADY MEADOW HURLWOOD....*		9	7	3-23,31,	28	2.8	15,672	3.53	553	0	52		+429	.00	+15	+24
08-06-56 1026115 2381495 5-71				32	19		14,945	3.53	527							
1297401 SHADY MEADOW SHANGHIGH ORMSBY.*	72-01	71	7	12-31,32,	217	2.0	13,726	3.61	496	12	87		-657	+.01	-22	-35
02-08-57 1090258 3671396 5-71				55,56,72	21		14,540	3.60	524							
1297550 GRAHAVEN REFLECTION LOCHINVAR.*		1	12	1-34	12	1.7	14,734	3.86	569	38	22		-79	+.06	+5	+2
05-23-56 010250051 010040083 5-71					41		15,233	3.63	553							
1297759 BARROW FARMS DUNLOGGIN ADMIRAL*		7	5	1-23	17	4.3	16,256	3.65	594	**	45		+431	.00	+16	+24
02-20-55 1082020 2765244 5-71					25		15,454	3.66	565							
1297848 RONHUB ORMSBY RAG APPLE.....*		3	7	1-55	13	2.9	11,762	3.39	399	13	32		-466	+.01	-15	-25
03-10-57 1024453 3159098 5-71					10		13,136	3.38	444							
1297920 ELM RIDGE SIR TREASURE MODEL..*		8	4	4-35,41,	16	2.8	12,742	3.96	505	23	44		-429	+.10	-2	-13
10-01-56 1222048 2896976 5-71				42,46	16		13,708	3.75	514							
1298076 DON AUGUR CARNATION MADCAP JOL*		5	45	2-51,54	53	3.3	9,817	3.75	368	0	34		-379	+.03	-9	-17
01-21-56 525394 3453495 5-71					18		10,613	3.65	387							
1298191 SHAWS GOLDEN CRETE AIM.....*		9	35	3-21,23,	51	3.0	12,987	3.63	471	7	37		+125	+.01	+6	+8
03-03-57 1196837 3579249 5-71				54	16		12,507	3.59	449							
1298266 IDA-ROYAL HAZELWOOD MAGICIAN..	87-01	80	6	5-81,82,	193	2.2	14,431	3.50	505	12	88		-123	-.05	-11	-12
12-04-56 1223970 3413920 5-71				83,84,87	18		14,642	3.56	521							
1298303 COCHRAN GENERAL HERKIMER.....*		5	51	1-21	59	3.9	13,937	3.50	488	4	35		-171	-.01	-7	-10
11-09-56 1215402 3916322 5-71					23		14,485	3.53	511							
1298344 MATHEWSFIELD DEWDROP DESIGN...*		36	1	6-13,16,	40	2.1	14,902	3.58	533	**	71		+240	-.01	+7	+12
08-09-56 1175724 4105143 5-71				21,22,23	19		14,633	3.59	525							
1298372 SKOKIE SENSATION CHIEF.....	35-75	439	8	37-32,52,	897	1.5	14,964	3.56	533	10	96		+401	-.07	+5	+15
02-01-57 1267271 2872216 5-71				55,58,93	57		14,614	3.63	531							
1298377 SKOKIE PROGRESSOR DUKE.....*		10	30	1-21	46	4.0	13,236	3.60	476	5	40		-139	-.02	-8	-10
01-27-57 1249424 3330011 5-71					34		13,544	3.67	497							
1298379 SKOKIE RETURN COMET.....*		8	2	3-31,33,	12	1.1	12,632	3.92	495	**	36		-332	+.10	+1	-8
01-02-57 1197956 3637512 5-71				43	14		13,529	3.63	491							
1298389 CULVER EMPEROR DICTATOR TOPPER		1	12	1-32	12	2.3	15,206	3.79	577	**	23		+354	.00	+13	+20
11-02-56 1048342 3757120 1-71					9		13,657	3.83	523							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK MILK	% %	FAT FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1298430 WOODBOURNE INKA REFLECTOR.....*	33-03	1,350	8	42-21,23,	3,133	2.5	14,281	3.68	526	11	99	-381	.00	-14	-22
01-04-57 010198998 2734741 1-71				31,35,93	22		14,747	3.70	545						
1298537 TERIACRES RAG APPLE MIKE.....*		10	1	1-93	11	2.7	15,926	3.77	600	**	43	-110	+.10	+10	+5
03-15-57 1024453 3723007 5-71					82		16,436	3.56	585						
1298717 HURLWOOD VEEMAN VICTOR.....*		22	30	1-21	126	3.2	16,192	3.63	588	1	64	+567	-.01	+19	+30
06-09-56 1026115 3527192 5-71					19		15,449	3.65	564						
1298780 FLYING CLOUD MASTER FERN.....*		20	5	4-13,14,	58	2.6	14,300	3.58	512	22	71	-413	+.01	-14	-22
04-21-57 1181068 3439816 5-71				23,57	18		14,986	3.58	537						
1298839 AL-LOU-JAN ORMSBY IDEAL.....*		12	33	3-31,54,	74	2.7	12,526	3.38	423	12	47	-209	-.02	-10	-14
11-14-56 1013415 2545354 5-71				74	45		12,861	3.42	440						
1298840 CHARNETZKI ROCK MACK.....*		4	10	1-45	17	4.2	14,725	3.69	544	0	36	+563	+.01	+22	+33
08-09-56 1221441 3379309 5-71					6		13,069	3.69	482						
1299119 MAN-O-WAR B F CRESCENT BURKE..*		4	7	1-87	17	3.2	13,060	3.74	488	**	39	-135	.00	-5	-8
01-10-57 1188731 2877442 5-71					9		13,352	3.77	504						
1299156 SPIES HOMESTEAD ACE LUKE-TWIN.*		5	15	1-42	34	3.4	15,209	3.56	541	6	45	+10	.00	0	0
01-22-57 1145163 2723165 5-71					37		15,325	3.56	546						
1299222 FSC IDEAL CHIEF BURKE JO.....	93-16	63	20	7-82,86,	287	1.4	17,718	3.47	614	9	81	+1,237	-.04	+39	+64
11-01-56 1113350 3797803 5-71				87,91,93	116		16,438	3.49	573						
1299435 PLATTCO BURKE TRAILBLAZER.....	93-05	34	4	6-74,82,	83	1.8	16,925	3.46	586	11	77	+788	-.06	+20	+37
03-20-57 1126307 3790857 5-71				86,92,93	74		16,121	3.52	567						
1299463 MATHEWSFIELD ECHO FANCY.....*		7	27	2-35,42	66	3.2	13,402	3.69	494	12	49	-158	+.01	-5	-8
11-01-56 1253588 3954816 5-71					17		13,703	3.70	507						
1299476 PALO DURO PRINCE STRATHMORE...		2	72	1-74	74	3.0	13,259	3.59	476	**	31	+146	+.01	+7	+10
10-07-56 1042670 3722770 5-71					5		12,657	3.54	448						
1299486 SISSON FARMS TOPSY KING ZIGO..*		2	8	1-21	10	3.7	15,057	3.40	512	0	27	+77	-.02	0	+2
12-31-56 1194979 3577416 5-71					20		14,860	3.49	518						
1299488 SISSON FARMS HANNAH KING.....*		11	16	2-52,55	53	3.5	14,777	3.62	535	0	55	+367	-.06	+4	+13
01-18-57 1194979 2908739 5-71					22		14,127	3.76	531						
1299615 DISTINCTION PROFILE FOBES.....*		4	28	1-35	39	3.2	11,983	3.71	445	8	35	-237	+.01	-7	-12
04-04-57 1169417 3426720 5-71					16		12,520	3.71	465						
1299714 FLOCAR SOVEREIGN STAR.....*		9	15	3-32,52,	31	2.2	13,945	3.53	492	4	39	+27	-.01	0	+1
02-28-57 1017532 2540481 5-71				61	33		13,867	3.56	493						
1299884 HARDEN FARMS DUKE RUBEN.....*		5	33	1-21	40	2.2	14,074	3.23	455	26	32	-182	-.13	-24	-25
04-14-57 1112211 2756642 5-71					15		14,727	3.64	536						
1300013 ORMSBY BURKE MOSE ARTIS.....*		8	9	1-33	30	2.8	14,788	3.64	538	12	48	+41	+.01	+3	+4
01-15-57 1196645 2926182 5-71					8		14,785	3.63	536						
1300014 TIDY BURKE JERRY.....*	23-09	833	9	10-21,23,	2,730	2.6	14,931	3.56	531	9	99	+697	-.16	+1	+19
01-21-57 1196645 3883576 5-71				31,50,51	16		14,257	3.74	533						
1300052 BRIGEEN TIDY PRINCE.....*		6	3	2-21,23	12	2.6	15,465	3.74	578	10	38	+287	+.04	+16	+21
10-01-56 972500 3018101 5-71					9		14,798	3.65	540						
1300074 WOODHOME GOLDEN PAT.....*		6	10	4-23,31,	24	2.5	13,733	3.48	478	5	41	-42	-.02	-4	-4
04-13-57 1221761 3317002 5-71				54,64	24		13,825	3.54	489						
1300148 SWAMPY HOLLOW PABST LEADER....*		8	11	1-23	39	3.2	14,636	3.85	563	8	54	-241	+.06	-1	-7
04-09-56 915940 3853888 5-71					24		15,216	3.77	574						
1300159 WIS TIP TOP KING.....*		47	1	12-21,23,	48	2.2	12,881	3.51	452	**	75	-543	-.02	-22	-32
04-29-57 1189593 3711790 9-70				31,34,63	32		13,570	3.54	480						
1300160 WIS PERFECTION SYMBOL.....*		4	31	1-31	37	2.9	14,281	3.63	518	22	32	+155	.00	+6	+9
05-06-57 1189593 3728514 5-71					14		13,772	3.63	500						
1300197 POLAND ARTIS REGENT SKOKIE....*		2	35	1-52	37	2.8	12,317	3.56	439	4	30	0	-.02	-3	-2
08-08-56 1126978 3217062 5-71					47		12,140	3.67	446						
1300367 OATS FARM MONARCH.....	93-05	52	10	7-43,74,	163	2.1	15,328	3.52	540	19	81	-435	-.02	-19	-27
05-18-55 1041895 2819305 5-71				82,86,93	148		16,078	3.55	571						
1300547 SAN JOHO MAY COMMANDER.....*		1	14	1-93	14	2.9	15,664	3.50	549	0	25	+67	-.01	+1	+3
01-24-54 943711 3198397 5-71					37		15,557	3.54	550						
1300578 BUDD FARM ACE WHITE FAYNE-TWIN*	33-03	125	2	22-23,31,	171	3.2	13,738	3.53	485	10	91	-237	-.08	-19	-22
10-10-56 1186187 2733050 5-71				33,34,35	19		14,006	3.63	508						
1300845 ELLINGDALE FERN CHALLENGER....*		6	16	2-35,41	32	3.8	15,140	3.77	571	0	42	+268	-.04	+4	+10
08-08-56 1049402 3418171 5-71					13		14,556	3.91	569						
1300855 CADET VALE BURKCADER.....*		6	26	1-31	37	2.2	14,385	3.62	521	13	34	+150	-.01	+4	+7
02-10-56 1078287 3263712 5-71					15		13,935	3.65	509						
1301175 DAWNVALE PRILLY SEGIS FOBES...*		4	28	1-21	43	2.9	15,879	3.58	568	**	38	+294	.00	+11	+17
03-03-57 1249318 2936306 5-71					12		15,233	3.56	543						
1301352 CEYDERMEAD REGAL MONARCH.....		1	14	1-21	14	4.9	12,748	3.63	463	0	26	+10	-.02	-2	-1
02-21-57 1243471 2988301 5-71					5		12,574	3.75	471						
1301736 BRAUNS SULTAN.....*		31	25	9-22,34,	97	3.1	15,917	3.49	556	4	60	+405	-.07	+4	+14
10-08-56 915940 3038125 5-71				35,47,84	23		15,385	3.61	555						
1301765 RIPPLING ACRES CAR-ORM DELL...*		3	7	1-34	10	1.9	14,540	3.60	523	13	25	-70	+.02	0	-2
10-09-56 1183064 3403264 5-71					14		14,928	3.56	531						
1301861 HILLTOP CASCADE HOESLY JOE....		1	12	1-52	12	1.7	14,425	3.69	533	10	21	+145	+.02	+8	+10
08-31-56 1004496 3662287 5-71					18		13,722	3.62	497						
1301864 GRAY VIEW SKYLINER NAT.....	35-75	979	7	39-35,41,	2,249	1.5	15,308	3.66	561	10	99	+411	+.04	+20	+27
12-12-56 1244845 3474313 5-71				48,55,93	35		14,997	3.63	545						
1302074 FUTURE HOPE BLACKY LEADER.....*		11	19	4-21,35,	74	3.1	14,062	3.53	496	2	60	-439	-.10	-30	-36
02-01-57 915940 3376283 5-71				52,74	15		14,897	3.71	553						
1302144 N O H BILL KING THELMA.....		2	54	1-73	67	2.8	11,427	3.45	394	0	34	-325	+.01	-10	-17
09-27-55 1199082 3208586 5-71					16		12,199	3.41	416						
1302260 WILLOW FARM RAG APPLE GOLDEN..	11-01	216	4	4-11,14,	528	2.5	13,548	3.74	507	14	96	-572	+.06	-13	-26
06-15-57 1118413 2904983 5-71				16,21	15		14,167	3.70	524						
1302328 SKOKIE GOLDEN COMMODORE.....*		13	10	2-21,51	44	2.9	14,794	3.56	527	14	57	-46	-.01	-3	-4
11-12-56 1079736 2806298 5-71					13		14,981	3.59	538						
1302386 RENSINK ANONA SKYLARK.....*		7	19	2-41,42	40	2.8	15,133	3.61	546	8	43	+417	+.04	+21	+28
03-30-57 1097647 3206631 5-71					10		14,179	3.51	497						
1302389 KNURRS EXCELLENCY PRINCE.....*		1	21	1-35	21	2.4	12,305	3.59	442	5	26	-186	-.01	-8	-11
11-11-56 1156059 3679069 5-71					12		12,917	3.67	474						

REGISTRATION NUMBER NAME DF BULL	STUD CODE	NUMBER DF HERDS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1302610 IRVINGTON MAJOR DICTATOR.....*		8	4	2-51,55	17	3.7	14,435	3.87	559	0	46	+260	+.08	+21	+24
02-14-57 1031307 3430597 5-71					30		13,860	3.72	515						
1302712 RDCKCREST LEADER ANDY.....	91-11	209	4	7-35,41,	392	2.4	13,412	3.55	476	16	95	-140	-.06	-13	-14
04-27-57 915940 2989610 1-71				42,43,73	13		13,518	3.62	489						
1302774 HAWKEYE WIS BURKE IDEAL.....*		15	31	4-41,45,	57	2.8	13,886	3.69	513	3	42	+81	-.01	+1	+3
01-01-57 1013415 2542139 5-71				46,47	18		13,667	3.75	512						
1303021 BURKE LEADER ZEUS.....*		2	81	1-21	83	3.1	14,572	3.69	537	13	31	+17	+.02	+4	+4
04-14-57 1240994 3278139 5-71					25		14,580	3.62	528						
1303029 ALFALFALANO LEADER SELMA.....*		2	14	1-21	16	4.4	12,769	3.53	451	7	30	+42	.00	+1	+2
09-25-56 1236376 2913173 5-71					6		12,480	3.53	441						
1303076 OIBBLE CRESCENT CRUSADER.....*		21	11	8-34,35,	57	3.3	13,791	3.61	498	0	62	-43	+.01	0	-1
09-03-56 1014925 3977407 5-71				46,63,74	18		13,852	3.60	498						
1303103 B O I ADAGDVE CHAMP.....*		10	19	2-52,55	50	3.3	15,673	3.50	549	8	49	+302	-.06	+2	+9
10-26-56 846425 2668477 5-71					22		15,184	3.62	550						
1303179 WIS IDEAL RANGER.....*		5	24	2-16,21	42	3.3	16,194	3.50	566	15	40	+115	.00	+4	+6
05-24-57 933122 3594880 5-71					21		16,125	3.49	563						
1303180 WIS REWARD.....*		68	553	19-16,21,	868	2.7	14,588	3.62	528	6	42	+329	+.01	+14	+20
06-17-57 933122 2347083 9-70				34,42,48	256		13,778	3.58	493						
1303184 WIS CAPTAIN FOLLOW DN.....*		20	4	6-21,34,	32	2.3	15,616	3.59	561	13	59	+843	-.02	+27	+44
07-02-57 1241487 2980161 5-71				35,41,42	15		14,206	3.63	516						
1303278 POPLAR POINT SOVEREIGN SON....*		1	11	1-21	11	2.7	14,538	3.68	535	20	23	-246	+.04	-3	-9
03-30-57 1149632 3252292 5-71					24		15,822	3.51	556						
1303338 IMHI PERFECTD PANSY.....*	42-08	7	13	1-42	54	2.3	12,154	3.61	439	21	55	-379	+.01	-12	-20
05-27-56 1212420 3050630 5-71					19		12,718	3.60	458						
1303347 MAVIEW FERN SIDE PILOT.....*		34	10	10-12,13,	67	2.7	15,718	3.74	588	10	67	+531	+.04	+25	+35
05-21-57 1141276 3593770 5-71				14,21,55	21		15,030	3.69	555						
1303368 CASH-MAR JERRY CAPTAIN.....*		5	9	3-32,56,	20	4.0	12,043	3.40	410	**	42	-308	+.02	-8	-15
09-12-56 1138441 3155516 5-71				57	13		12,654	3.35	424						
1303434 HAYSSEN FOND PICA PRINCE.....*	35-03	128	2	11-23,32,	192	2.3	13,283	3.80	505	22	91	-1,004	+.13	-19	-42
07-14-57 1250992 2748774 1-71				33,35,72	22		14,432	3.67	529						
1303440 ELMER BRODK HOMESTEAD HOESLY..*		1	10	1-35	10	3.4	15,677	3.46	542	0	23	+187	-.01	+5	+9
03-01-57 1220074 3547591 5-71					7		14,960	3.49	522						
1303502 WILLARDS CANARY PRINCE.....	35-75	882	5	42-21,32,	2,136	1.5	15,220	3.61	550	12	99	+278	.00	+10	+16
06-28-56 1230780 2735318 5-71				35,41,55	37		15,049	3.61	544						
1303520 S & W RAVEN OAISY BOPPER.....*		3	8	1-32	17	1.9	13,301	3.35	445	0	34	+409	-.06	+6	+16
08-16-56 1196256 3536734 5-71					8		11,908	3.51	418						
1303534 COLLINS-CREST BURKE STAR.....	21-01	31	1	3-13,21,	32	3.0	13,356	3.80	508	25	69	-522	+.16	+3	-11
04-14-57 1234510 3847399 5-71				52	16		14,138	3.56	503						
1303863 SHAWS CRETE CONQUERDR TIOY....*		9	11	1-23	34	3.0	13,806	3.69	509	19	48	+264	.00	+9	+14
05-01-57 972500 2628227 5-71					24		13,185	3.72	490						
1303992 NACHES CRESCENT ADMIRAL.....*		3	32	1-91	36	2.0	12,764	3.74	478	**	29	-299	+.05	-4	-11
09-27-56 1198620 3557698 5-71					19		13,798	3.58	494						
1304049 CARNATION SKY PILOT.....	35-21	198	6	7-35,41,	343	1.6	13,519	3.46	468	18	92	-378	-.16	-35	-39
06-09-57 1175596 2931901 1-71				42,43,47	16		13,929	3.65	508						
1304064 EILLOC LUCINOA REFLECTOR.....*	35-02	15	1	2-35,86	16	2.4	13,582	3.90	530	22	50	-497	+.16	+3	-10
01-14-57 010198998 2482700 5-71					32		14,648	3.59	526						
1304252 EAGLE VALLEY CARNATION VICTOR.*		3	13	1-21	26	3.0	14,062	3.51	493	5	40	-131	-.04	-10	-12
09-13-56 1214597 4102564 5-71					9		14,440	3.61	521						
1304383 GRAY VIEW BEAU PILOT.....*		6	14	1-35	30	4.2	14,257	3.82	544	8	44	-171	-.03	-10	-13
11-19-56 1094305 3955222 5-71					11		14,726	3.91	576						
1304430 SHALAN GERBEN MARVEL.....*		2	6	1-21	10	2.0	12,420	3.53	439	14	27	-266	+.02	-7	-13
07-22-57 1247737 3473618 5-71					21		13,359	3.47	463						
1304477 FLINT SENATOR JIM.....*		4	13	2-34,71	27	2.6	12,387	3.41	422	**	40	+155	-.06	-3	+2
09-18-56 1156800 2684516 5-71					10		11,787	3.61	425						
1304533 FERNHAME BURKE LAD BARON.....*		3	10	3-14,22,	16	3.6	14,306	3.80	543	0	34	-103	+.01	-2	-4
01-24-57 1105403 3803697 5-71				47	28		14,689	3.80	558						
1304553 BOYS TOWN POLY MONTY.....*		4	9	1-47	21	2.2	14,225	3.94	560	15	39	+97	+.12	+20	+19
10-15-56 1014754 2585084 5-71					36		13,980	3.64	509						
1304722 SKOKIE FAMOUS VICAR.....	35-75	115	89	26-21,23,	434	1.5	13,613	3.64	496	9	63	-75	+.02	0	-2
05-09-57 1279206 3637516 5-71				31,35,58	107		13,709	3.63	497						
1304781 SHETLARS TIDY WHIZ.....*	35-03	29	11	8-33,34,	68	2.3	15,658	3.63	568	19	64	-202	+.02	-5	-9
07-09-57 1040291 3451570 5-71				35,48,73	25		16,202	3.61	585						
1304810 PABST REGAL JUOE.....*		1	16	1-35	16	4.9	11,766	3.60	423	0	29	-349	.00	-12	-19
03-25-57 901195 2497940 5-71					10		12,879	3.59	463						
1304812 PABST JUDE.....*		1	20	1-34	20	1.8	14,652	3.65	535	8	25	+388	+.02	+17	+24
03-10-57 915940 3365310 5-71					20		12,972	3.57	463						
1304824 RYANCREST FRENCH MASTER.....*		6	15	3-14,16,	24	3.1	12,851	3.38	435	12	35	-89	-.01	-5	-6
09-29-53 984267 2843832 5-71				21	17		13,013	3.44	447						
1304875 NDWISCO ALCARTRA CHIEF.....		1	28	1-35	28	2.6	13,607	3.83	521	15	28	+39	+.04	+7	+7
05-14-57 1226865 2980617 5-71					10		13,413	3.70	496						
1304886 POESTENKILL RAG APPLE ORMSBY..*		6	6	1-21	21	3.7	15,499	3.68	571	0	46	-65	-.03	-6	-7
01-06-57 1024453 3043657 5-71					17		15,829	3.76	595						
1304894 SHAWS SCHOOLMASTER DUNLOGGIN..*		4	55	1-23	94	3.4	14,583	3.65	533	2	43	+208	-.01	+6	+10
06-01-57 1181068 2791982 5-71					16		14,118	3.68	520						
1304922 WOOSTEROALE ROBURKE RAG APPLE.*		5	7	1-21	14	4.4	13,751	3.70	509	17	35	-373	.00	-13	-20
05-14-57 1024453 3969316 5-71					22		14,920	3.71	554						
1304970 CHERRYBOLD ROBURKE MARK.....*	35-01	12	3	4-34,35,	24	1.8	13,466	3.44	463	6	52	-153	-.05	-13	-15
03-22-57 1024453 3360019 5-71				42,74	9		13,739	3.56	489						
1304991 WEBER WIS BURKE OCMINO.....*		4	19	1-82	24	3.5	15,276	3.19	487	0	32	+218	-.06	0	+6
04-27-57 1144238 3414293 5-71					6		14,678	3.32	487						
1304992 WEBER WIS BURKE WARDEN.....*		8	4	4-83,85,	19	3.1	15,029	3.57	536	0	49	-97	.00	-3	-5
05-25-57 1144238 3774698 5-71				86,87	41		15,371	3.57	549						
1305145 BARROW FARMS ORMSBY OUNLOGGIN.*		4	9	1-23	21	3.8	16,694	3.54	591	**	42	+595	-.04	+15	+28
11-20-55 1082020 2976154 5-71					27		15,425	3.64	561						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	% MILK	FAT %	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1305366 LONDON DICTATOR SUPERIOR.....		10	44	1-31	87	2.6	14,794	3.72	550	21	45	-368	+.03	-9	-17
04-12-57 1084072 3560181 5-71					60		15,809	3.68	581						
1305443 CARNATION IDEAL TRADITION.....*	35-05	283	4	13-33,35,	596	2.6	13,581	3.57	485	13	96	-436	-.05	-22	-30
05-27-57 1175596 3769610 1-71				41,42,74	16		14,045	3.63	510						
1305444 CARNATION ICEAL PERFECTION....*		3	8	2-35,42	16	3.1	11,518	3.75	432	13	36	-246	+.06	0	-6
05-29-57 1175596 3644189 5-71					17		12,018	3.53	424						
1305460 CARNATION ROYAL MASTER.....*	91-11	364	4	36-21,34,	670	2.7	14,974	3.53	529	7	97	+119	-.12	-13	-8
04-03-57 1152252 3232651 5-71				35,42,93	28		14,952	3.67	548						
1305463 CARNATION 8UTTER 8OY NO8LE....*		5	8	2-32,41	21	3.6	11,804	3.60	425	0	44	-555	-.02	-23	-33
06-09-57 1152252 4051121 5-71					6		12,970	3.68	477						
1305613 WILLAROS MOLINOS LEAOER.....*	94-01	13	16	5-23,33,	92	3.1	15,792	3.45	545	11	66	+592	-.09	+9	+23
01-01-57 915940 2965079 5-71				35,42,74	21		15,000	3.57	535						
1305710 TRUNLAN INVINCI8LE CHIEFTAIN..*		7	19	2-21,61	40	3.3	12,463	3.66	456	**	45	-820	+.03	-26	-43
03-19-57 1056882 3631042 5-71					21		14,349	3.62	519						
1305928 CLOVERCOURT WONDER VAR HEDGE..*		6	3	1-21	13	3.4	12,827	3.49	448	14	42	-246	+.01	-7	-12
07-08-55 1188571 2801378 5-71					15		13,363	3.46	463						
1305994 ELKHART REFLECTION MAJOR.....*		9	38	4-22,34,	91	3.1	14,066	3.57	502	6	51	+280	-.01	+9	+15
08-29-57 1231336 3181216 5-71				35,51	11		13,464	3.58	482						
1306035 TREASURE MODEL REFLECTION.....*		69	9	16-23,32,	143	2.4	14,517	3.47	504	10	81	+252	-.10	-5	+2
10-16-56 010198998 3637325 5-71				34,35,51	21		14,235	3.60	512						
1306247 JERLANO COMET HOESLY VAR.....	35-21	335	3	13-34,35,	629	1.8	15,626	3.59	561	12	97	+1,099	-.05	+32	+55
11-14-55 1056438 3229977 5-71				41,43,52	16		14,550	3.65	531						
1306287 E8ONITE JUPITER ORMS8Y.....*		7	10	1-23	29	3.6	14,670	3.74	549	22	47	-408	-.10	-28	-34
03-22-57 1215446 3375417 5-71					18		15,725	3.97	624						
1306335 FEROINAND RAG APPLE PABST.....*		3	19	1-93	24	2.3	16,827	3.41	574	**	31	+361	-.01	+11	+18
10-21-56 1024453 2315484 1-71					62		15,844	3.43	543						
1306525 EL CANON ORMS8Y SENSATION.....*		4	5	1-84	10	2.8	12,889	3.68	474	13	30	-514	+.04	-13	-24
05-23-57 1256710 4043338 5-71					10		14,697	3.56	523						
1306536 W O T S LOCHINVAR VALE.....		3	27	1-73	59	2.0	12,257	3.36	412	14	43	-705	-.05	-32	-45
04-18-57 1019538 3250993 5-71					23		13,895	3.51	488						
1306546 COCHRAN GENERAL EMIL.....*		10	2	1-21	13	2.4	12,795	3.88	496	**	43	-1,041	+.12	-22	-45
03-16-57 1215402 3850895 5-71					15		15,348	3.61	554						
1306661 GRAY VIEW SKYLINER NELLO.....	87-01	122	7	8-41,45,	270	1.9	15,614	3.60	562	11	89	+412	+.03	+19	+26
03-23-57 1244845 2952038 5-71				46,82,87	17		15,287	3.57	545						
1306899 8 D I ELMSOVALGO ANTONE.....*		3	29	1-52	43	3.5	9,484	3.72	353	4	38	-357	+.06	-5	-13
05-05-57 939765 3798466 5-71					10		10,045	3.51	353						
1306901 8 O I IMPEMGO OMAN.....	41-01	29	1	3-41,42,	34	3.1	12,632	3.53	446	15	69	-350	-.02	-16	-22
04-30-57 956081 3635421 5-71				45	20		13,048	3.58	467						
1306902 8 O I IMPEMGOV APPOLLO.....	96-01	7	6	1-96	25	2.2	12,555	3.66	460	24	48	-610	+.08	-12	-26
05-10-57 956081 3514107 5-71					6		13,828	3.51	485						
1306905 8 O I VAR8URE QUIL.....*		1	100	1-23	100	2.6	14,249	3.57	509	7	31	+98	-.03	0	+3
04-20-57 1082020 3711567 5-71					39		13,929	3.65	508						
1306977 PALMARJA ALCARTRA RAG APPLE...		2	8	2-21,23	10	2.5	12,417	3.46	430	**	24	-350	.00	-13	-20
09-20-57 1024453 3399800 5-71					3		13,860	3.50	485						
1307022 LAKEFIELO JEWELHOLM SUCCESSOR.*		11	31	4-12,14,	55	3.1	13,429	3.72	500	7	42	-108	+.03	0	-3
10-07-56 1218298 3936096 5-71				16,52	30		13,664	3.65	499						
1307074 NOWISCO IOEAL STANDARD.....*		12	13	2-35,74	41	2.9	14,080	3.91	550	7	51	-70	+.02	0	-2
03-22-57 1226865 3568914 5-71					27		14,250	3.89	555						
1307097 SLEEPY HOLLOW O VAR PAPOOSE...		1	11	1-93	11	2.0	19,347	3.45	667	13	22	+414	-.08	+4	+14
07-23-57 996013 3365400 5-71					106		17,875	3.71	663						
1307536 KYLAND RECOVERY 8EAUTY PREMIER*		13	9	2-42,43	40	3.8	13,410	3.75	503	9	58	-31	+.03	+3	+2
09-05-57 1126392 3432100 5-71					12		13,411	3.71	498						
1307589 EL-KAP LEE SUPREME IOOL.....		1	28	1-43	28	2.5	12,493	3.75	468	0	27	-257	+.02	-6	-12
09-22-57 1278342 4126609 5-71					5		13,400	3.67	492						
1307771 OORCIS LEADER DON.....*		7	15	1-42	44	2.8	13,868	3.61	501	6	50	-118	-.01	-5	-7
09-22-57 915940 3352657 5-71					14		14,123	3.63	513						
1307857 ZIMMERMAN 8ESTAR ROYAL LEE....*	23-01	22	6	2-22,23	66	2.7	15,096	3.98	601	15	73	-228	+.10	+5	-2
12-15-56 1156771 4196429 5-71					14		15,574	3.88	604						
1308044 ROLLING KNOLL MAT CROSS.....*	51-02	34	28	4-21,51,	85	2.8	14,176	3.58	508	13	54	+342	-.07	+2	+11
09-18-57 1216872 3515146 5-71				52,54	15		13,496	3.73	504						
1308070 8IG ELM OESIGN MAOCAP.....*		8	5	2-21,23	22	2.5	13,915	3.36	468	25	47	+54	-.09	-11	-8
11-08-56 1211002 3275275 5-71					16		13,784	3.57	492						
1308101 SKOKIE SENSATION NEO.....*	61-02	638	7	20-31,33,	1,709	1.6	15,786	3.56	562	7	98	+1,368	-.05	+41	+70
04-11-57 1267271 3235818 5-71				34,61,74	24		14,443	3.61	522						
1308138 MITCHELL FARM WALKER DONJUAN..*		7	24	3-13,16,	49	2.7	14,113	3.86	545	5	43	+120	+.03	+9	+11
09-15-57 1038118 3134882 5-71				21	39		13,824	3.80	526						
1308171 MOOEL ORCHARO VALE TREASURE...		3	9	1-52	12	2.3	12,024	3.90	469	0	28	-453	+.05	-10	-20
12-18-55 1028260 010908459 5-71					4		13,632	3.75	511						
1308179 JERLANO RAVEN KAAN.....		2	14	1-35	16	2.9	11,301	3.84	434	11	26	-279	+.03	-6	-12
01-18-55 909839 2526129 5-71					6		12,193	3.74	456						
1308201 COLSTAH INVINCI8LE TRIUNE.....*		7	6	1-84	15	2.2	13,671	3.43	469	**	36	-112	-.04	-9	-10
08-05-57 1276178 3011084 5-71					68		13,988	3.54	495						
1308374 ARESKU 8EAU 8RUMMEL.....		3	28	1-52	34	2.7	15,319	3.87	593	8	32	+295	+.05	+18	+23
03-29-57 010232069 010882587 5-71					30		14,439	3.75	541						
1308407 METCALFS GLAOMARK MAJOR.....*		9	4	3-12,13,	21	2.4	12,735	3.75	478	**	50	-580	+.04	-16	-28
09-14-57 1239258 4324456 1-71				14	7		13,889	3.69	513						
1308415 CARNATION EM8LEM GAIETY.....	87-01	57	12	4-82,83,	143	2.1	14,604	3.71	542	8	77	-395	+.12	+2	-9
06-30-57 1237664 3483639 5-71				84,87	19		15,250	3.56	543						
1308419 CARNATION 8UTTER BOY COUNT....*	91-11	345	5	31-23,32,	737	2.3	14,316	3.57	511	11	97	+51	-.07	-8	-5
08-01-57 1152252 3700608 1-71				34,35,41	19		14,299	3.65	522						
1308429 HOWACRES AOMIRAL LUCIFER.....*	21-10	873	6	12-11,13,	2,613	1.9	15,271	3.58	546	14	99	+478	-.12	0	+12
05-02-57 769170 3277789 1-71				14,15,16	22		14,881	3.71	552						
1308492 RIVER VALLEY WALLIE SUPERIOR..*	55-01	26	17	1-55	171	2.7	15,336	3.61	553	15	78	-443	+.01	-15	-24
09-09-57 1190632 3002373 5-71					37		16,126	3.61	582						

REGISTRATION NUMBER NAME OF BULL	STUD COOE	NUMBER OF HEROS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	% MILK	FAT	% FAT	1ST REPT INC	%	PREDICTED DIFFERENCES MILK	%	FAT	$$
1308502 AL-LOU-JAN FOOTPRINT BURKE WIS*		12	5	2-52,54	28	3.4	13,993	3.60	504		5	56	-3	.00	0	0
12-08-56 1013415 3532822 5-71					16		14,007	3.62	507							
1308504 HILL TOP HAVEN ADMIRAL BURKE..		1	52	1-35	52	3.5	13,768	3.76	517		6	31	+24	+.01	+2	+2
10-10-57 1152351 3380907 5-71					11		13,663	3.75	513							
1308541 MASSIVE HILLS WINN ABEGWEIT...		1	13	1-63	13	2.7	12,290	4.23	520	**	24		-101	+.11	+11	+7
10-24-55 1235734 3301577 5-71					17		12,571	3.75	472							
1308570 DONCROFT UNA STYLEMASTER.....*		16	14	4-22,23,	48	2.7	16,349	3.58	586		9	51	+659	+.01	+25	+38
10-05-57 1240705 3840437 5-71				31,57	12		15,178	3.56	541							
1308663 LOS RO8LES DUNLOGGIN PAT.....*		10	10	3-86,88,	40	2.1	15,682	3.62	568		10	52	-23	+.08	+11	+9
06-01-57 1236850 3490657 5-71				93	70		15,926	3.47	552							
1308727 CECILIA TRITOMIA MONK OAKIE...	42-02	64	2	3-42,43,	84	2.1	12,088	3.50	423		21	83	-1,142	-.08	-52	-73
10-19-57 1285000 2924814 5-71				73	12		13,418	3.61	485							
1308796 OREGON CHALLENGER BARON.....	61-02	750	17	20-23,52,	5,894	1.8	14,671	3.51	515		8	99	+250	-.10	-5	+2
09-14-57 1253140 3441114 5-71				55,92,93	21		14,472	3.61	523							
1308818 S V F ROYAL VAR CREATOR.....*		1	11	1-22	11	2.8	15,677	3.84	602		9	24	-285	+.05	-3	-10
10-12-57 1256558 2872651 5-71					29		17,221	3.67	632							
1308901 L W RAG APPLE BURKE SKIP.....*		7	2	1-55	10	4.1	12,508	3.54	443		0	41	-153	-.02	-8	-11
10-22-57 1264551 2953945 5-71					13		12,766	3.62	462							
1309177 ADMIRAL SEGIS 8URKE IOEAL.....*		13	7	5-52,54,	38	3.0	13,420	3.64	488	**	58		-143	+.05	+2	-2
02-27-57 1013415 3101693 5-71				55,57,63	29		13,636	3.54	483							
1309349 THONYMA NETHERLAND NIG.....*		16	30	3-34,43,	62	2.5	13,466	3.62	488		15	44	-344	+.05	-6	-14
04-08-57 1233487 3940052 5-71				48	32		14,288	3.52	503							
1309465 SHANGHIGH DOUBLE EXEC GENERAL.*	23-09	513	4	9-21,23,	1,117	2.4	13,573	3.74	508		10	98	-331	+.01	-10	-17
07-15-57 1090258 2798841 9-70				41,50,58	16		13,908	3.75	521							
1309467 SHANGHIGH VAR RAG APPLE BUD..	35-75	194	3	29-21,23,	291	1.5	13,743	3.81	523		12	92	-723	+.19	-1	-20
02-26-57 1011334 3606305 5-71				31,55,57	31		14,591	3.62	528							
1309545 CHAM8RIC TRAIL8LAZER.....*		3	17	2-41,42	21	2.8	15,544	3.43	533		21	30	+217	-.06	0	+6
10-19-57 1276653 3535676 5-71					10		14,906	3.60	537							
1309574 NORTHMOOR LEADER HECTOR.....*	23-09	680	5	13-16,21,	1,703	1.5	15,123	3.81	576		7	98	+572	+.07	+31	+41
08-09-57 1216957 2915508 1-71				23,50,51	21		14,608	3.76	549							
1309584 STAR PENNY WISC.....		19	2	1-23	26	1.4	13,028	3.81	496		8	56	-497	+.08	-7	-19
08-30-57 1250624 3164474 5-71					9		13,919	3.68	512							
1309611 LAVACRES DUSTY EMPEROR.....		3	13	1-93	20	1.6	15,326	3.65	560	**	29		+271	-.01	+8	+14
04-06-57 1205185 3920687 1-71					10		14,454	3.72	537							
1309869 COMMONWEALTH KSP LONDON MASTER		9	23	1-61	61	2.3	13,835	3.68	509		10	48	+17	+.02	+4	+4
12-03-56 1194281 3700845 5-71					27		13,784	3.63	501							
1309877 MOYERVIEW MAGIC FOBES DONALO..		3	32	1-54	39	2.4	13,237	3.26	431		0	32	-73	-.05	-10	-10
10-12-57 1258953 4044427 5-71					16		13,417	3.44	461							
1309926 SIR 8URKE LAD HOMESTEAD.....		1	15	1-51	15	4.1	13,617	3.68	501		10	27	+100	-.02	+1	+3
08-22-57 999678 2560239 5-71					9		13,163	3.78	497							
1309948 WIS DOUBLE VICTORY.....*	35-04	106	4	18-14,21,	171	2.6	15,474	3.55	549		13	89	+584	-.06	+13	+26
11-10-57 1189593 2857693 5-71				22,32,35	18		14,918	3.61	538							
1309949 WIS SYMBOL STAR.....		9	23	3-47,48,	55	2.4	13,990	3.50	489		13	46	+315	-.04	+6	+13
11-13-57 1189593 4048825 5-71				73	17		13,235	3.57	473							
1310130 LOGWOOD GOLDEN ROBURKE.....*		7	6	3-34,51,	18	2.7	14,014	3.57	500		0	41	+182	-.05	0	+5
05-16-57 1024453 3119062 5-71				56	29		13,522	3.69	499							
1310177 ARLINDA ELSIE MARINER.....*		10	21	3-64,86,	63	1.8	15,925	3.59	572		13	49	+26	+.06	+9	+8
10-09-57 1150470 4155372 5-71				93	84		16,086	3.48	560							
1310246 8ISHOP BURKE PABST MODEL.....*		10	8	6-12,13,	22	3.6	14,429	3.79	547		11	43	-140	+.03	-1	-4
10-29-57 865323 3646766 5-71				14,16,21	24		14,846	3.75	556							
1310334 WILLOMONTE RAVEN BURKE REBEL..*		4	17	1-93	22	3.3	16,529	3.73	617		**	33	-109	+.04	+1	-2
01-25-56 1113350 3707851 5-71					25		17,184	3.64	626							
1310602 SISSON FARMS WALLIE NELL ARA8.*		3	21	1-21	25	2.3	16,079	3.61	581		**	29	+186	+.03	+11	+14
09-14-57 1213698 4213847 1-71					14		15,605	3.51	548							
1310625 TALOGA CRESCENT BEAUTY LAD....*		8	14	2-73,74	42	2.6	15,540	3.46	537		13	49	+836	-.01	+28	+45
11-10-57 1199082 3717269 5-71					29		13,815	3.45	477							
1310701 TEXAL HIGHCROFT REFLECTION....*		7	18	3-57,64,	39	3.4	13,255	3.76	499		3	45	-219	+.06	0	-6
04-02-57 010254607 010921115 5-71				93	49		13,722	3.66	502							
1310821 LINHURST JOE 8A8S.....		1	12	1-21	12	1.3	12,433	3.70	460		20	20	+102	+.01	+5	+7
05-02-57 1170910 4242123 5-71					1		11,697	3.68	430							
1310976 ECHORIOGE DEWDROP EXCELLENCY..*		2	13	1-21	16	2.8	13,624	3.62	493		0	28	-308	+.03	-7	-14
11-18-57 1156059 3919569 5-71					9		14,805	3.55	525							
1311024 U NEVAOA ACE VAL.....*		1	21	1-82	21	4.1	12,507	3.56	445		6	29	-497	+.04	-13	-24
04-11-57 1233250 2880505 5-71					8		14,275	3.44	491							
1311113 BRIGEEN GOLDEN CARL.....	11-01	73	8	3-11,14,	139	2.3	13,348	3.78	505		16	82	-959	+.10	-22	-43
09-09-57 1170426 3603837 5-71				16	15		14,579	3.68	536							
1311365 FUTURE HOPE ROAMER JANET.....*		6	12	3-32,33,	20	3.9	13,115	3.61	473		0	37	-186	+.01	-6	-10
08-31-56 1070261 3209967 5-71				35	10		13,580	3.61	490							
1311409 TIM VILLAGE ACRES GRAND 8URKE.		2	10	2-34,41	12	2.1	11,807	3.46	408		25	25	-266	-.02	-12	-17
11-08-56 1070208 3583695 5-71					5		12,769	3.57	456							
1311488 CARNATION MAOCAP LOYALTY.....	87-01	70	6	8-81,82,	147	2.5	12,807	3.54	454		17	85	-1,358	-.02	-51	-78
08-05-57 1152252 3854299 5-71				83,84,87	18		14,465	3.57	517							
1311503 LARRYDALE MARK LOYAL.....*		3	18	1-82	28	2.6	14,527	3.66	532		16	35	-78	.00	-3	-5
07-31-57 1288108 2895934 5-71					19		14,844	3.70	549							
1311687 EVERGREEN-F BURKE COMMANDO....	41-01	27	3	2-41,46	37	3.0	12,939	3.54	458		9	66	-220	.00	-8	-12
12-14-56 1072328 3738450 5-71					12		13,198	3.55	468							
1311723 MAYERS SENSATION MAY KING 8OB.*		1	22	1-35	22	2.8	11,879	3.76	447		41	26	-306	+.04	-5	-12
01-28-57 1171327 3638102 5-71					8		12,977	3.59	466							
1311794 SKOKIE DUNLOGGIN 8OY.....	33-03	765	3	39-21,23,	1,153	2.4	14,201	3.65	519		15	98	+63	+.03	+6	+7
11-27-57 1282185 3395112 5-71				33,35,41	17		14,159	3.63	514							
1311795 SKOKIE SENSATION COMMOOORE....	35-75	81	10	28-41,48,	157	1.5	15,447	3.48	538		12	79	+453	-.09	+3	+14
11-17-57 1267271 2806298 5-71				52,55,85	60		14,979	3.59	537							
1312008 GEO8ETH ARA8EL BEN.....	21-10	2,009	4	12-11,13,	4,768	2.0	15,450	3.68	569		10	99	+282	+.12	+27	+30
09-25-57 905683 3703457 5-71				14,16,21	21		15,303	3.57	546							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1312024 WALTSONS BURKE IDEAL A P.....	42-02	55	5	4-42,43,	103	2.4	13,316	3.39	452	13	81	-246	-.13	-26	-28
09-17-57 1013415 2996399 5-71				47,73	13		13,584	3.56	483						
1312259 WESTMOUNT ADJUDICATOR.....*		13	6	5-16,21,	29	2.2	14,798	3.38	500	5	53	+297	-.13	-8	+1
01-27-57 010249631 010640908 5-71				51,54,55	14		14,270	3.63	518						
1312269 ROMANDALE REFLECTION CHEVRON..*		11	5	3-12,14,	24	3.3	14,719	3.51	516	5	51	+359	-.01	+12	+19
03-14-57 010198998 010964029 5-71				21	14		14,027	3.51	492						
1312279 GATESCO STYLEMASTER INKA.....*		6	66	1-21	111	2.4	15,432	3.84	593	20	41	-178	+.05	0	-5
10-27-57 1228879 3902638 5-71					80		16,082	3.77	607						
1312348 SKOKIE REFLECTION PRINCE.....	34-01	81	3	2-34,56	117	2.3	14,107	3.67	518	19	86	-131	+.04	+1	-3
09-05-57 1254800 3167424 5-71					19		14,296	3.63	519						
1312619 STONE HOME R A REFLECTION.....*		9	19	1-21	53	2.2	13,414	3.46	464	3	47	-1	-.02	-3	-3
10-28-57 1227010 4240803 5-71					25		13,360	3.52	470						
1312956 WILOMOOR SEGIS BURKE KEYES....*		9	4	2-21,23	20	3.6	16,502	3.50	578	**	49	+669	-.08	+12	+27
10-27-57 1258431 3516532 5-71					13		15,272	3.67	560						
1312997 HASBROUCKS LEADER PRILLY LAD..*		2	11	1-23	14	3.7	11,341	3.51	398	0	30	-176	-.02	-9	-12
09-08-57 1271862 3606086 9-70					18		11,697	3.62	423						
1313008 HICKORYVALE TRUSTEE MASTER....*		1	21	1-51	21	3.1	13,709	3.49	478	**	27	+187	-.03	+3	+7
07-08-57 1246308 3448073 5-71					22		12,912	3.57	461						
1313096 FARMCREST BURKE DANDY.....*		2	15	1-93	22	2.8	13,067	3.64	475	0	33	-342	+.05	-6	-14
11-11-57 1244430 4220956 5-71					41		14,125	3.52	497						
1313170 BAR-VEE MARTY CARNATION.....		1	43	1-93	43	3.2	20,426	3.46	706	**	30	+605	-.04	+16	+29
08-11-56 1023059 2934797 5-71					32		18,907	3.54	669						
1313340 VISTA GRANDE ADMIRAL BEACON...*		2	17	1-22	28	4.4	12,174	3.65	444	0	39	-413	+.01	-13	-22
08-08-57 1170716 3943010 5-71					9		13,156	3.63	478						
1313355 ANTHONY ROCKWOOD ROBARON B....*		30	14	9-32,35,	86	2.1	14,510	3.47	504	22	65	+270	-.07	0	+7
06-10-54 1246103 010732888 5-71				41,86,93	57		14,112	3.58	505						
1313383 INWOOD HOMESTEAD FOREMAN.....*		3	11	2-35,63	15	2.4	14,338	3.63	520	**	28	-90	+.02	0	-2
10-06-57 1287964 3807497 5-71					14		14,745	3.55	524						
1313490 ATHLONE LEADER.....	33-03	975	5	42-21,23,	1,600	2.3	14,946	3.53	528	10	99	+552	-.08	+9	+22
12-26-57 915940 2801182 1-71				35,41,93	20		14,435	3.61	521						
1313502 IVY FLO DIRECT DEAN.....*		7	5	2-23,55	15	3.2	13,718	3.93	539	0	40	-45	+.03	+3	+1
11-19-57 1271019 2995307 5-71					20		13,822	3.86	534						
1313579 NORTHCROFT ARISTOCRAT PONTIAC.*		7	36	1-21	50	3.8	15,684	3.65	572	10	38	+136	-.01	+4	+7
12-11-57 1124780 3931276 5-71					11		15,482	3.67	568						
1313976 ELM RIDGE FOBES KNIGHT.....*		5	12	1-35	30	4.1	13,792	3.94	544	4	47	-64	+.05	+4	+2
12-21-57 1221552 2896978 5-71					18		13,928	3.86	538						
1313989 TIME-O-DAY PABST ROBURKE.....*		2	17	1-35	19	2.8	14,034	3.71	521	12	27	-138	+.01	-3	-6
06-02-57 1024453 3544165 5-71					14		14,610	3.69	539						
1314040 MAYERS DUKE DARK RAG APPLE....*		10	5	3-41,45,	21	2.1	12,407	3.51	435	17	47	-445	-.02	-19	-27
09-07-57 1293580 2895561 5-71				46	21		13,296	3.57	475						
1314046 MAYERS DUKE MAJESTY LANNIE....*		7	25	2-35,74	63	3.2	14,123	3.60	508	4	50	-7	+.03	+4	+3
12-02-57 1293580 3803500 5-71					10		14,160	3.52	499						
1314075 SHADOW VALLEY ROBURKE BADGER..*		11	18	4-35,82,	44	3.3	14,446	3.30	477	6	47	-3	-.05	-7	-6
07-13-56 1024453 2769619 5-71				83,87	11		14,512	3.39	492						
1314085 PALO DURO GOLDEN WALKER.....*		2	26	1-74	28	3.3	16,572	3.77	624	4	30	+84	+.05	+10	+10
08-22-57 1079736 3724895 5-71					22		16,555	3.64	602						
1314099 THONYMA NETHERLAND PRINCE.....*		3	12	2-42,43	30	2.5	14,477	3.43	496	17	43	+343	-.09	0	+9
05-22-57 1233487 3186458 5-71					18		13,651	3.62	494						
1314157 CRESTON KING COUNT.....*		4	20	1-51	38	2.3	12,900	3.65	471	23	40	-460	+.03	-12	-22
01-11-58 1276048 3590068 5-71					15		14,075	3.59	505						
1314242 ELLINGDALE ROBURKE THUNDERBIRD		2	11	1-35	19	3.4	13,086	3.78	494	9	36	-262	+.04	-4	-10
12-14-57 1024453 3915997 5-71					11		13,795	3.68	507						
1314336 WEED FARMS BEL EDWIN.....*	21-10	444	1	9-11,13,	553	1.9	14,400	3.62	521	11	97	-474	+.06	-9	-20
11-08-57 905683 3395276 1-71				16,21,23	20		14,996	3.57	535						
1314369 PRINCE BELL RINGER.....*	23-08	96	3	5-22,23,	126	2.5	13,836	3.71	514	4	87	+3	-.02	-3	-2
08-25-57 1273130 4043395 5-71				50,51,52	16		13,820	3.76	520						
1314386 VALLA VISTA DUSTY MORRIS.....*		3	8	3-43,71,	13	3.9	13,599	4.02	547	13	32	-354	+.12	+3	-7
07-24-57 1268290 3957243 5-71				73	30		14,790	3.65	540						
1314428 CROSWELL CARNATION REVELATION.	41-01	48	1	3-41,42,	55	2.6	12,899	3.53	455	19	77	-446	-.01	-17	-26
10-02-55 1072328 2973251 5-71				46	16		13,424	3.54	475						
1314449 SUNNYSIDE JEWEL ROBURKE.....	35-05	578	5	24-33,35,	1,477	2.1	13,810	3.74	517	12	98	-459	+.09	-4	-15
09-24-57 1024453 3780371 1-71				41,42,73	15		14,315	3.66	524						
1314451 SUNNYSIDE LEADER ORMSBY.....*	63-02	32	5	3-35,55,	68	2.1	14,174	3.55	503	12	72	-220	-.04	-13	-16
08-13-57 915940 3093548 5-71				63	16		14,541	3.60	524						
1314576 OAKMULGEE ORMSBY CAPTAIN.....		1	36	1-52	36	2.5	16,048	3.45	554	9	28	+220	-.03	+3	+8
01-09-58 860768 3936141 5-71					7		15,418	3.56	549						
1314624 ELMOKA PONTIAC MOSE.....*		6	12	1-35	37	3.1	14,971	3.74	560	13	49	+288	-.09	-2	+6
12-15-57 1091004 3513388 5-71					11		14,434	3.97	573						
1314762 WIS EXCELLENCY.....*		19	2	5-16,21,	24	3.0	12,776	3.36	429	11	60	-860	-.10	-44	-59
01-07-58 1189593 3111749 5-71				23,33,74	14		14,238	3.54	504						
1314764 WIS MASTERPIECE REGENT.....		2	12	2-35,41	14	2.1	13,984	3.32	464	15	26	-345	-.03	-17	-23
12-12-57 999669 3899505 5-71					11		15,480	3.48	539						
1314767 SHAWS O C T UNA CREAMELLE.....	35-05	944	7	26-32,33,	3,445	2.0	14,802	3.70	548	10	99	+479	+.05	+24	+32
07-03-57 972500 2752714 5-71				35,41,42	14		14,360	3.66	526						
1314778 MARLEN-DALE COLONEL FOBES.....*		5	7	1-61	17	4.7	14,220	3.66	521	0	41	-168	+.03	-2	-6
10-27-57 1248664 4221568 5-71					20		14,707	3.60	530						
1315360 STEVENSDELL ROBURKE BLACK JOE.*		9	18	4-21,23,	47	3.3	15,307	3.85	590	3	50	+134	+.06	+13	+14
01-02-58 1170910 3865260 5-71				31,51	12		15,161	3.76	570						
1315379 PAGANOK PAYMASTER PLUS-TWIN...*		5	16	1-47	23	2.9	13,867	3.67	509	23	33	+91	+.02	+6	+7
01-23-58 1269172 3050886 5-71					18		13,552	3.62	490						
1315423 LAVACRES DUSTY ADAM.....*	35-21	300	5	13-16,34,	653	1.6	15,611	3.50	546	14	96	+655	-.16	0	+17
12-01-57 1205185 3208918 5-71				35,73,93	23		15,038	3.66	551						
1315498 SKOKIE NOEL.....*	35-75	1,904	6	47-21,31,	4,271	2.1	14,796	3.56	526	10	99	+46	-.03	-3	-1
12-24-57 1249424 3425213 5-71				55,74,93	33		14,839	3.59	533						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1315526 FRASEA IDEAL MODEL.....*		5	4	1-91	10	1.4	16,333	3.61	590	0	27	+357	-.01	+12	+19
12-03-57 1028260 4440592 5-71					23		15,151	3.64	551						
1315578 LAR-WINN RAG APPLE IDEAL.....	61-02	1,049	9	27-31,33,	3,572	1.7	15,035	3.81	573	10	99	+518	+.19	+46	+52
10-15-57 1090340 2940399 5-71				61,74,85	40		14,575	3.63	529						
1315612 CLOVERBROOK PRINCE.....*	33-03	1,163	4	44-21,23,	2,238	1.4	14,968	3.65	546	14	99	-18	+.02	+2	+1
11-02-57 1079736 4133181 1-71				35,42,93	23		15,103	3.64	549						
1315813 RAG APPLE INKA REFLECTOR.....*		1	10	1-23	10	5.0	12,891	3.57	460	0	26	+23	-.01	-1	0
07-01-57 1138797 3016055 5-71					36		12,675	3.64	462						
1315832 ALASKA EMPEROR KING.....*	96-01	3	11	1-96	15	1.9	12,816	3.87	496	10	27	-252	+.07	0	-7
11-13-57 1127694 3390423 5-71					10		13,727	3.62	497						
1315879 PAWNEE FARM CENTURION DUKE....*	35-21	232	3	9-34,35,	414	1.8	13,928	3.69	514	15	95	-333	+.03	-8	-15
04-20-57 1263045 3922841 1-71				47,51,85	16		14,317	3.67	526						
1315953 DISTINCTION JEWEL LAD.....*	35-05	75	2	6-31,33,	106	3.0	13,023	3.59	467	10	87	-581	-.03	-25	-36
01-08-58 1252142 3739108 5-71				35,41,42	16		13,667	3.63	496						
1316044 FOXLEASE REBURKE DEAN WAYNE...*		1	13	1-52	13	2.7	13,652	3.81	520	0	24	+208	.00	+8	+12
11-23-57 1222990 3289195 5-71					15		12,663	3.81	483						
1316501 HOWE HAVEN HOMESTEAD JOE.....		2	10	1-13	12	1.4	8,216	4.15	341	**	22	-720	+.04	-21	-36
09-17-57 1038118 3928426 5-71					5		11,172	3.88	434						
1316539 CRESCENT BEAUTY REPEAT.....*		14	35	4-21,48,	70	2.3	14,531	3.30	480	16	43	+159	-.03	+1	+5
01-09-58 1206643 2275268 5-71				71,73	31		14,185	3.36	476						
1316623 PUGET SOUND SPARTAN.....*		4	13	2-91,93	18	3.7	13,825	3.74	517	8	32	+201	+.03	+12	+15
05-04-57 1113350 3337906 5-71					10		13,108	3.65	478						
1316650 ESMUR DOWNS J RAVEN WAYNE-TWIN		2	9	2-23,41	11	3.5	13,297	3.79	504	**	26	+1	+.03	+4	+3
11-08-56 1246729 3450589 1-71					5		13,221	3.67	485						
1316909 MIDLANE BANNER BELL BOY.....		3	7	1-35	10	1.1	11,853	4.13	489	**	22	-385	+.10	0	-10
12-28-57 1167093 3482344 5-71					3		13,568	3.64	494						
1317048 EOH TRIUNE RENOWN MAXY.....*		10	15	3-48,71,	31	2.7	13,659	3.34	456	9	41	-98	-.01	-5	-7
02-03-57 1218273 3626241 5-71				73	36		13,894	3.36	467						
1317087 TEXAL SPRING FARM HIGHCROFT...*		26	3	7-43,47,	43	3.4	14,045	3.48	489	7	71	-103	-.05	-10	-11
06-12-57 010253819 010922254 5-71				48,73,84	15		14,219	3.55	505						
1317114 STEWARTS TY VIC MASTER TOM....*	21-01	108	1	4-13,14,	121	3.3	14,567	3.61	526	11	89	-184	+.05	0	-5
01-13-58 923749 3307812 5-71				21,22	21		14,867	3.56	530						
1317159 OAGES NC SEVEN CREATOR.....*		3	79	1-31	83	2.3	12,686	3.42	434	2	31	-23	.00	-1	-1
06-04-57 1135380 3748474 5-71					22		12,635	3.43	434						
1317224 ADOHR GOLDEN BANNER.....	93-02	36	24	4-32,51,	146	1.4	15,710	3.60	565	15	65	-307	+.04	-5	-12
09-27-57 1215448 3626309 5-71				86,93	134		16,436	3.55	583						
1317231 OLSUMMIT COLANTHA COCHRAN AMOS*		3	9	2-21,52	15	2.7	14,640	3.76	551	27	32	-133	+.03	0	-3
08-11-57 1007680 2577691 5-71					47		15,190	3.65	555						
1317270 MALLARY ADMIRAL LUCIFER.....	35-75	462	3	36-21,35,	678	1.2	14,738	3.53	520	14	97	+76	-.09	-10	-6
10-12-57 769170 3496963 1-71				41,55,93	32		14,739	3.62	534						
1317271 MALLARY COMMODORE.....*		2	6	1-16	12	3.2	12,411	3.84	477	27	32	-471	+.07	-8	-19
03-20-57 1237747 2987881 5-71					14		13,886	3.64	506						
1317558 WISOF GOLDROCK BLACKIE.....*		5	27	2-33,35	34	3.3	14,797	3.66	542	13	34	+167	-.02	+3	+7
09-29-57 1261495 3603722 5-71					31		14,344	3.74	537						
1317651 MODELYNE ROAMER AUTOCRAT 23D..*		1	12	1-22	12	3.3	14,400	3.65	526	**	25	+97	.00	+3	+5
03-11-57 1183667 4038197 9-70					26		14,013	3.66	513						
1317842 LAVACRES DELLA RULER.....*		3	16	1-93	20	2.5	13,031	3.58	466	**	29	-308	+.01	-10	-16
01-04-58 1026263 3475313 5-71					48		14,109	3.57	504						
1317844 LAVACRES DELLA BRUNO.....		1	140	1-93	140	2.5	17,386	3.49	607	**	31	+132	-.01	+4	+7
01-05-58 1026263 4080984 5-71					179		17,289	3.50	605						
1318021 BRAUNS MASTERPIECE.....*	91-11	440	4	29-21,35,	890	2.3	13,869	3.83	531	14	98	-279	+.17	+13	+4
10-06-57 959466 3184976 1-71				41,42,52	15		14,180	3.66	519						
1318068 ORMSBY IDEAL SULTAN.....	61-02	499	4	20-31,33,	1,020	2.0	13,714	3.85	528	18	98	-313	+.16	+11	+1
12-17-57 1090340 2628365 5-71				35,61,85	26		14,045	3.69	518						
1318104 CASHMAN GRACIOUS BOB.....		2	36	1-23	40	3.2	11,322	3.77	427	**	31	-673	+.02	-22	-36
12-08-53 1168575 3208483 5-71					6		13,438	3.72	500						
1318155 KARR HILL SHADY PINE BUD.....		1	29	1-54	29	2.4	12,058	3.91	472	14	28	-119	+.01	-3	-6
11-29-57 1090258 4072087 5-71					14		12,330	3.93	485						
1318452 OAGES NC DICTATOR KING ROY....		8	96	1-31	129	2.8	16,578	3.73	618	18	37	+343	.00	+12	+19
01-07-58 1084072 3928777 5-71					62		15,830	3.75	593						
1318456 MARIONMEAD ROBURKE R A IDYL...*		2	13	1-34	25	2.5	13,949	3.48	485	10	38	+119	-.01	+3	+6
12-09-57 1024453 3311831 5-71					46		13,602	3.48	473						
1318753 IDEOGRAPH JOLLY HIGH-CROFT....*		4	9	2-84,87	18	1.6	13,866	3.41	473	**	31	+200	-.05	0	+5
03-25-57 1297420 3718868 5-71					27		13,149	3.60	473						
1318856 REXFARMS ROCKET.....		1	18	1-34	18	2.8	11,392	3.60	410	15	26	-422	-.05	-22	-29
03-05-58 1171454 3233473 5-71					5		12,945	3.85	499						
1318942 IDEOGRAPH HIGHCROFT CHIEFTAIN.*		11	13	3-81,82,	45	2.9	14,822	3.42	507	**	54	+2	-.04	-6	-5
11-16-57 1297420 4007947 5-71				87	11		14,915	3.50	522						
1318968 CARNATION BUTTER BOY HIGHFLYER*		29	24	5-11,12,	142	3.1	15,889	3.38	537	8	70	+213	-.15	-14	-6
12-10-57 1152252 3406257 5-71				13,16,21	18		15,766	3.58	564						
1318980 CARNATION IDEAL ELATION.....*		21	10	3-23,34,	67	2.0	14,976	3.59	538	19	64	-86	.00	-3	-5
01-23-58 1175596 4076142 5-71				35	21		15,243	3.60	548						
1318983 CARNATION IDEAL NOTABLE.....*		11	10	3-81,91,	36	2.1	13,148	3.68	484	6	49	-380	+.03	-10	-18
02-18-58 1175596 4206057 5-71				92	12		13,922	3.63	506						
1319055 VISTA PEAKS SENATOR LAD.....*	91-13	129	4	9-82,84,	293	1.1	14,247	3.57	509	19	91	-992	-.05	-42	-61
03-27-57 1252985 3362555 1-71				91,92,93	27		15,490	3.63	562						
1319106 BEAU CHIEFTAIN CONFIDENT.....		1	10	1-41	10	2.0	12,555	3.82	480	**	22	-111	+.03	0	-3
01-05-58 1114547 3112953 5-71					2		12,978	3.70	480						
1319142 BO-LAN LEADER PAT.....*		5	25	1-48	61	3.5	14,884	3.59	534	7	49	-268	.00	-9	-14
04-22-56 1188528 3194884 5-71					26		15,595	3.59	560						
1319234 BEACON R B I JUO.....*		12	5	3-13,16,	32	3.3	17,694	3.50	619	4	60	+977	-.06	+26	+47
03-16-58 1113350 37D1827 5-71				21	14		16,299	3.58	584						
1319245 CALKANA BURKE DICK LADY.....		2	30	1-93	32	4.5	16,676	3.30	551	0	32	+440	-.12	-1	+11
02-01-57 1204842 3069061 5-71					24		15,452	3.66	565						

REGISTRATION NUMBER / NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HO	STATES NO- WITH MOST OAUS	... DAUGHTERS AND HERDMATES ... OAUS HM/DAU	REC/OAU HEROMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREOICTED DIFFERENCES MILK	%	FAT	$$
1319421 HILLTOP SIR ROYAL FOBES.....		5	42	2-16,21	128	2.6	15,161	3.57	541	4	55	+506	-.02	+15	+26
01-07-58 934577 3939445 5-71					36		14,277	3.61	516						
1319457 RAINBOW CONSTANT.....*		9	12	2-31,34	32	3.3	16,326	3.45	564	**	46	+839	-.08	+18	+37
08-26-57 1013415 3368451 5-71					18		14,581	3.62	528						
131945B RAINBOW BURKE IDEAL.....*		4	17	1-34	22	2.6	15,133	3.62	548	B	31	-128	-.02	-7	-9
08-30-57 1013415 3513350 5-71					10		15,723	3.70	581						
1319475 NAPSTAHOS FURY BARON ORMSBY...*		6	20	2-42,93	41	2.4	15,590	3.41	532	**	42	-55	-.08	-13	-12
05-05-57 1268107 4048937 5-71					73		15,923	3.60	574						
1319485 ELMER BROOK ARISTOCRAT JULIUS.*	35-05	47	2	4-33,35,	70	2.9	14,419	3.50	505	12	81	+574	-.11	+5	+19
10-03-57 1236789 3906052 5-71				41,42	15		13,683	3.65	499						
1319560 GREEN CREEK AAGGIE ROMULUS....*		7	6	1-52	29	2.5	13,097	3.51	460	24	52	-242	-.07	-18	-21
11-07-57 1291028 3254124 5-71					25		13,525	3.66	495						
1319636 ELMWOOD LEADER FOBES BOY.....*		14	3	3-31,32,	21	2.8	13,690	3.70	506	19	52	+56	+.06	+10	+10
04-15-57 915940 2461152 5-71				34	14		13,541	3.57	484						
1319671 CEE8EE ORMS8Y VALIANT.....*		12	13	2-16,23	40	1.9	12,765	3.53	450	18	47	-412	-.04	-20	-27
04-11-58 1236061 4419233 5-71					12		13,611	3.62	493						
1319677 GABBERT SKOKIE AMBASSADOR.....		5	12	2-55,56	22	2.1	15,881	3.47	551	18	34	+363	-.01	+11	+19
06-24-57 125B306 2636180 5-71					15		14,922	3.48	520						
1319700 N O H RAG APPLE CYRUS.....*		3	11	1-73	23	3.1	12,953	3.39	439	0	40	-67	+.02	0	-2
12-13-57 1151863 3657369 5-71					24		13,032	3.31	432						
1319793 8UCTON LUCIFER POSCH.....*		2	14	1-57	16	3.6	13,215	3.46	457	0	28	+57	-.02	-1	+1
04-12-57 1099477 3029182 5-71					12		12,909	3.55	458						
1319827 P & J TY VIC PANSY BOY.....*		3	6	1-92	11	1.6	12,206	3.56	435	0	27	-245	+.03	-5	-11
04-01-56 1235822 3819299 5-71					7		13,021	3.49	454						
1319857 VISTA PEAKS SENATOR JOE.....*		2	25	1-84	30	1.9	15,075	3.66	551	**	30	-51	+.01	0	-1
01-23-58 1252985 3774817 5-71					13		15,394	3.62	558						
1319896 CHESTERTON FULTON FOBES.....*		2	17	1-31	19	3.6	17,073	3.42	584	7	29	+610	-.02	+19	+32
12-21-57 1117412 3512363 5-71					5		15,098	3.44	520						
1319975 SPENCERCREST SPACEMASTER.....*		4	5	1-23	10	3.1	14,760	3.89	574	20	30	+174	+.05	+14	+16
11-20-57 961493 3900694 1-71					14		14,202	3.74	531						
1320002 KARANA MAJESTIC MONARCH.....*		4	35	2-42,93	41	2.2	16,381	3.60	590	**	31	+328	-.02	+9	+16
11-01-57 113B451 3B34670 5-71					30		15,464	3.67	567						
1320012 LOLLY SMOKER EDDIE.....*		9	4	3-21,32,	23	2.8	15,437	3.48	537	5	52	+563	-.08	+9	+22
01-15-58 1170624 3878376 5-71				34	16		14,409	3.62	522						
1320076 LONOON VEEMAN DICTATOR.....		9	15	1-31	44	2.8	15,157	3.69	560	13	49	-112	+.04	+1	-2
12-17-57 10B4072 3654538 5-71					59		15,548	3.62	563						
1320094 BUTTER ROCKWOOD ROCKET.....		2	49	2-41,45	55	2.6	14,107	3.77	532	**	31	+65	+.02	+5	+6
04-30-52 0101B0114 0103B1552 5-71					23		13,895	3.71	516						
1320154 SUPREME MASTER TIM.....		1	41	1-21	41	2.6	15,552	3.50	544	**	29	-401	-.03	-18	-25
03-28-56 1235160 3347943 5-71					41		17,293	3.60	623						
1320334 PEG TOP REGAL.....*		5	25	1-21	37	3.2	14,390	3.27	471	13	36	+37	-.05	-6	-4
01-16-58 120B003 31B1334 5-71					10		14,327	3.41	489						
1320371 GYPSIE LANE CONFIDEEN T.....	35-75	347	6	33-21,55,	638	1.4	15,341	3.58	549	10	96	+604	-.01	+20	+32
10-25-56 967873 3939166 1-71				74,91,93	69		14,794	3.59	531						
1320453 LAVACRES DUSTY JO MAJOR.....		4	37	1-93	81	1.7	15,704	3.48	546	14	43	-293	+.02	-8	-14
03-04-58 1117035 4151544 5-71					74		16,656	3.44	573						
1320552 MEADOWFARM DOU8LE IDEAL-TWIN..*		11	3	2-52,55	20	3.3	14,223	3.71	527	33	52	+159	+.04	+11	+13
01-01-58 1013415 3920895 5-71					26		13,910	3.64	507						
1320712 R & L LOPEZ BEACON.....		3	24	2-48,73	28	2.1	12,154	3.77	458	25	28	-331	+.04	-6	-14
11-10-57 1255434 3434853 5-71					9		13,257	3.63	481						
1320946 MISTER BEAU JAMES.....*		8	24	2-13,52	49	2.7	12,522	3.98	499	6	43	-2	+.12	+17	+14
07-12-57 1233149 3413731 5-71					18		12,371	3.69	456						
1321032 BUCHER VIEW RAG APPLE BURKE...*		8	13	3-41,45,	40	2.6	14,951	3.30	494	14	49	-264	-.07	-19	-23
01-15-58 1294942 3813935 5-71				46	9		15,659	3.44	539						
1321165 OOROTHIL LUCIFER LULA LONNIE..*		13	8	1-55	36	2.9	13,321	3.92	522	23	55	-245	+.13	+9	+1
01-18-58 1151694 3356333 5-71					18		13,753	3.67	505						
1321444 CHEMUNG TOP ADMIRAL.....*		6	22	1-21	48	3.2	14,988	3.74	560	4	46	-159	+.03	-2	-6
03-03-58 1264035 3B50569 5-71					16		15,489	3.70	573						
1321646 TRASKDALE GRETTA LEADER.....*		8	9	3-33,42,	30	2.4	12,494	3.71	463	34	46	-406	+.08	-4	-14
02-12-58 915940 3028769 5-71				47	6		13,322	3.54	471						
132165B MILLERS ELSIE MARITA GOMAR....*		3	19	1-35	23	3.9	13,282	3.79	504	0	32	+51	+.02	+4	+5
05-25-57 1261422 3804472 5-71					18		13,032	3.75	489						
1321751 HENRYHOME TOGUS MATCHLESS R...*		17	3	7-35,41,	28	2.8	13,756	3.71	510	27	59	-347	+.08	-2	-11
12-15-57 1260160 3496406 5-71				43,48,73	18		14,387	3.59	516						
132195B MAPLE LAWN MASTER LUKE.....*		6	4	2-51,82	14	4.1	15,566	3.58	557	11	42	-41	+.03	+2	+1
03-21-58 1025902 4132773 1-71					20		15,859	3.52	558						
1322067 OAWNVALE MASTERPIECE DEAN.....	65-02	45	6	7-13,21,	149	2.9	13,350	3.54	473	9	85	-234	+.02	-6	-11
01-24-58 126B131 3393541 5-71				31,34,65	11		13,590	3.52	479						
1322186 BRIGEEN GOLDEN CONFIDENT.....*		6	28	2-13,23	48	3.2	13,593	3.48	473	19	40	+48	-.03	-2	0
04-07-58 118106B 2852776 5-71					23		13,423	3.55	477						
1322226 CROCKER RABURKE ROCKET.....*		5	21	1-52	33	3.6	16,697	3.23	539	0	38	+494	-.08	+6	+18
01-04-58 1113350 3407425 5-71					20		15,573	3.38	526						
1322268 ROSNI LETITIA FOBES CONQUEROR.		6	39	2-52,55	57	2.6	14,630	3.70	541	5	37	-94	+.01	-2	-4
03-11-58 1026115 3509223 5-71					33		14,992	3.70	554						
1322342 SHORTS MAESTRO FRANCES FOBES..*		2	30	2-50,51	32	3.2	14,178	3.84	545	4	30	+67	.00	+2	+3
10-27-57 1263007 4052244 5-71					17		13,958	3.89	543						
1322370 DUNLO 8URKE MARTY.....		1	13	1-41	13	2.2	12,349	3.64	450	**	24	-35	+.01	0	-1
11-10-56 1246318 4253350 1-71					1		12,343	3.65	451						
1322427 OLIRLICH MAN-O-WAR ROCKET.....*		1	20	1-35	20	4.0	13,279	3.61	480	5	28	+111	-.01	+3	+5
11-07-57 1079168 3297946 5-71					14		12,772	3.64	465						
1322514 WIS DOBER.....	93-05	57	16	7-82,86,	246	1.7	16,121	3.42	551	11	82	+166	-.06	-3	+2
02-25-58 1189593 3612216 5-71				91,92,93	107		16,137	3.48	562						
132262B EVER MAY RELEIGN PRINCE.....*		3	18	2-91,92	22	2.5	13,079	3.65	477	8	30	-302	+.04	-5	-12
09-01-57 1212322 3B74880 5-71					15		14,126	3.53	498						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF OAU /HD	STATES NO- WITH MOST OAUS	... OAUGHTERS AND HERDMATES ... OAUS HM/OAU	REC/OAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1322763 SUNNYDECK HEILO MADCAP PROMISE*		10	14	2-91,92	51	2.9	15,577	3.43	534	0	55	-211	.00	-7	-11
11-05-57 1203206 3203048 5-71					46		16,189	3.42	553						
1322764 SUNNYOECK HEILO MAOCAP 8ARNEY.*		8	18	1-91	51	3.2	14,720	3.36	494	5	52	-696	-.01	-27	-40
11-12-57 1203206 3160116 5-71					41		16,305	3.40	554						
1322863 NACHES MAOCAP TRANSMITTER.....*	93-16	49	15	8-43,74,	204	2.1	16,541	3.50	579	11	81	+659	-.03	+19	+33
08-16-57 1249795 2814144 1-71				82,92,93	60		15,928	3.52	561						
1323005 COLSTAH SUCCESS MIONIGHT.....*		8	9	1-84	23	2.2	15,585	3.55	553	**	40	+747	-.01	+26	+41
03-17-58 1272214 3290076 5-71					72		13,703	3.55	486						
1323020 STANOARD SON-RAY REFLECTION...*		5	11	3-23,51,	26	1.9	12,254	3.88	475	17	39	-482	+.05	-11	-22
12-11-57 010198998 3396902 5-71				55	15		13,446	3.77	507						
1323047 FRIESEN SIR ROBURKE LOYAL.....*		10	10	9-23,31,	31	2.6	13,797	3.57	493	15	47	+33	-.02	-1	0
01-07-58 1024453 3287228 5-71				43,54,73	14		13,702	3.63	497						
1323059 CARNATION PILOT HE-MAN.....	91-11	195	16	16-35,42,	453	1.5	15,103	3.47	524	18	89	+524	-.13	0	+14
04-24-58 1175596 3153486 5-71				73,74,91	14		14,579	3.61	527						
1323293 COLO SPRING LEAOER.....*		5	17	1-35	26	3.9	13,393	3.86	517	0	37	+10	+.07	+10	+9
12-05-57 915940 3572536 1-71					10		13,300	3.67	488						
1323323 MAR RO OEL OUNLOGGIN TOWERLINE*		3	24	1-31	28	3.6	14,515	3.41	495	4	33	+247	-.06	+1	+7
01-22-58 1004232 3398725 5-71					12		13,733	3.58	491						
1323367 PA8ST LEAOER DUKE PLUME.....*		11	12	4-12,13,	30	2.9	15,801	3.42	540	15	44	+429	-.11	0	+11
01-28-58 1249424 2782413 5-71				14,16	16		14,920	3.66	546						
1323388 TECHNY LEAOER MAY PRIME.....*		1	11	1-35	11	1.8	14,864	3.94	586	**	22	-152	+.05	+2	-2
04-01-58 915940 3430032 5-71					26		15,737	3.73	587						
1323610 GREEN DOWNS CARNATION FO8ES...*		1	31	1-61	31	2.4	12,279	3.48	427	5	28	-311	+.02	-8	-15
12-17-57 1189113 3759987 5-71					64		13,346	3.39	453						
1323923 MALTESE LOCHINVAR.....	92-01	66	4	2-91,92	112	2.4	13,834	3.65	505	8	84	-860	+.07	-22	-41
07-10-57 961535 2766331 5-71					20		14,963	3.58	536						
1323956 GREEN MEAO POSCH LEADSMAN.....		2	8	1-23	10	1.3	11,557	4.10	474	**	21	-422	+.01	-14	-23
03-17-58 1280776 3788625 1-71					10		13,531	4.06	550						
1323980 WE8ER 8 F OICTATOR.....	42-02	110	2	8-35,42,	160	2.3	12,873	3.60	464	17	90	-533	-.02	-22	-32
11-24-57 1204163 3774697 5-71				43,55,73	14		13,411	3.64	488						
1323989 IOEAL SKYLARK.....*	31-02	40	7	8-31,43,	77	1.9	14,672	3.70	543	9	71	-179	+.02	-4	-8
12-03-57 1226862 4241469 5-71				48,56,65	22		15,036	3.69	555						
1324120 CLARKSOALE OUNLOGGIN MARATHON.		2	14	1-31	16	1.5	16,502	3.33	549	**	24	+589	-.08	+9	+23
08-08-56 1253669 3004775 5-71					2		14,069	3.64	512						
1324168 PLEASANTLANO REGAL CHALLENGER.*		4	33	2-33,58	40	2.6	15,846	3.68	583	18	32	-65	.00	-2	-3
02-15-58 1288851 3300153 5-71					12		16,287	3.70	603						
1324179 WILLARDS COMET DELLA.....*		7	4	5-23,35,	17	3.1	16,292	3.36	548	7	45	+558	-.10	+5	+19
03-10-58 1301359 2415016 5-71				42,61,74	25		15,179	3.56	540						
1324256 CLIFFVIEW SUGARFOOT.....*		4	55	1-48	61	2.6	13,534	3.53	478	6	32	+81	.00	+3	+5
02-09-58 1271766 2762024 5-71					27		13,205	3.53	466						
1324280 NAKOTA PRESTO TONTO.....*		2	71	1-45	73	2.8	11,572	3.49	404	5	31	+79	-.01	+2	+4
02-27-58 1167510 3467160 5-71					20		11,025	3.51	387						
1324345 OURWICK DANOY OANNY.....		113	2	26-21,23,	165	1.5	14,277	3.69	527	23	89	+42	+.06	+10	+9
03-07-58 1088151 3455244 5-71				31,35,48	17		14,261	3.63	517						
1324929 OAYTON PRILLY MA8EL PAT.....*		4	32	1-31	44	2.2	14,124	3.41	481	2	34	-39	-.01	-3	-4
03-01-58 1154121 3779291 5-71					31		14,275	3.44	491						
1324972 TECHNY A 8 C PIETERTJE AOMIRAL*		12	14	3-41,42,	43	2.0	13,605	3.79	515	17	48	-251	+.06	-1	-7
04-05-58 010198998 3741833 5-71				46	7		14,158	3.67	520						
1325017 HILLTOP MAESTRO OICTATOR.....*		21	27	9-13,16,	88	2.9	17,731	3.58	634	5	56	+729	-.10	+11	+28
03-17-58 1263007 3271170 5-71				21,23,41	48		16,700	3.75	627						
1325139 LAR-WINN 8ESSLYN TIOY TY VIC..	41-01	33	2	3-41,42,	40	2.7	12,675	3.68	466	11	71	-521	+.09	-7	-19
02-21-58 923749 3703182 5-71				45	18		13,348	3.55	474						
1325341 KAYTEE IOEAL.....*		12	5	1-42	31	3.0	13,840	3.67	508	14	57	-158	+.02	-3	-7
01-02-58 1089423 2788653 5-71					10		14,138	3.65	516						
1325427 GENESEE ROYAL 8ELL8OY.....	21-01	153	1	5-13,14,	175	3.2	14,471	3.57	517	15	92	-91	+.01	-2	-4
05-16-58 905683 3064456 5-71				21,23,32	21		14,640	3.57	522						
1325511 MAGNET MAJESTY MAGIC.....*		9	6	1-35	28	2.9	13,433	3.63	487	10	53	+103	.00	+4	+6
03-30-58 1002828 3575051 5-71					9		13,162	3.62	477						
1325608 MAYERS OUKE 8LACK PRINCE.....*		2	28	1-35	30	2.4	12,919	3.41	440	20	28	-187	-.02	-10	-13
02-13-58 1293580 3803511 5-71					14		13,545	3.53	478						
1325667 WIS ACHIEVEMENT-TWIN.....*		92	2	17-13,16,	111	2.0	13,855	3.59	497	**	86	-642	-.03	-27	-39
05-24-58 1189593 3111751 5-71				21,22,23	34		14,676	3.62	532						
1325851 EL-KATRINA OAISY RAVEN.....		2	19	1-93	21	1.5	14,474	3.72	539	**	25	-191	+.05	0	-5
07-03-57 1113350 3497159 5-71					109		15,394	3.57	549						
1325889 LAVACRES OUSTY HOMESTEAO.....	92-01	27	2	1-92	38	2.8	15,066	3.66	551	10	70	+203	+.05	+14	+17
05-21-58 1205185 3208921 5-71					17		14,868	3.59	534						
1325923 8ROOKVIEW GOLOEN PATHFINOER...	35-75	153	2	27-31,32,	207	1.6	15,172	3.45	524	14	91	+598	-.15	0	+16
10-14-57 1079736 2924582 5-71				35,41,55	41		14,579	3.61	527						
1326002 SHUR-POLL ROCKET MAIO LAO.....*		7	12	2-41,42	38	2.9	11,584	3.61	418	15	50	-580	-.01	-22	-33
02-03-56 1218997 2423489 5-71					19		12,623	3.64	459						
1326162 PAULINA RAVEN RAY.....		5	23	3-21,31,	30	1.9	16,180	3.65	590	14	30	+187	.00	+7	+11
01-03-58 1113350 4213209 5-71				64	11		15,741	3.65	575						
1326163 IMPERIAL SUNLEA 8LUMINE TY VIC*	21-10	1,249	3	10-11,13,	2,117	1.8	15,114	3.70	559	12	99	-262	+.13	+9	+1
07-05-58 923749 3813484 5-71				14,16,21	23		15,539	3.57	555						
1326186 LANGE LEAOER PILOT.....*		2	37	1-35	43	2.9	14,972	3.66	548	**	31	+123	-.01	+3	+6
12-08-57 915940 4050151 5-71					18		14,651	3.69	541						
1326187 LANGE LEADER MARVEL.....*		7	86	1-93	98	3.4	14,020	3.56	499	**	35	-144	+.07	+4	0
12-12-57 915940 4028635 5-71					49		14,493	3.35	486						
1326398 8RAUNS SIR LEAOER PRILLY.....*		12	17	3-41,42,	38	2.5	12,303	3.81	469	4	43	-348	+.08	-2	-11
08-09-57 915940 3461703 5-71				47	12		13,018	3.63	473						
1326491 CARNATION IDEAL OLYMPIAN.....*		5	46	1-42	55	2.8	12,866	3.58	460	21	33	-362	-.01	-14	-21
05-21-58 1175596 3994130 5-71					8		13,961	3.62	506						
1326606 HOWVALE RAVEN JERRY.....*	72-01	36	8	6-13,14,	106	2.4	14,011	3.68	515	14	77	-230	+.05	-2	-8
05-15-58 1113350 3266194 5-71				16,51,72	23		14,352	3.63	521						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1326619 PARI INKA DESIGN.....*		5	6	1-32	15	1.3	12,478	3.58	447	42	32	-326	+.01	-11	-18
04-12-57 1053895 3877739 5-71					7		13,451	3.58	481						
1326649 JOHANNA MAYBELLE FRIDAY.....		6	12	1-35	26	3.0	14,317	3.88	555	10	41	+221	+.08	+20	+22
12-08-57 1033472 3524610 5-71					12		13,766	3.68	507						
1326728 THOMPSON OAKS DESIGN AGAIN....*		1	12	1-51	12	3.1	10,535	3.85	406	0	25	-369	+.02	-11	-19
12-12-57 1141624 3357213 1-71					21		11,806	3.82	451						
1326895 D F MODEL ORMSBY.....*		8	32	1-35	60	4.1	15,012	3.62	543	2	45	-71	.00	-2	-4
11-22-57 1267764 3705003 5-71					17		15,310	3.63	555						
1326918 HILLSPRIDE ELSIE DELLA LEADER.*		6	22	1-93	37	2.4	14,174	3.51	497	**	37	-33	.00	-1	-2
05-01-58 1150470 3859768 5-71					46		14,300	3.52	503						
1326938 SISSON FARM HANNAH DOUBLE ARA8*		10	15	1-21	65	4.1	13,705	3.75	514	0	62	-338	+.07	-2	-10
02-04-58 1213698 2908739 5-71					10		14,285	3.64	520						
1326977 BOWMANVIEW REFLECTION SOV.....*		16	3	1-23	29	2.6	13,312	3.93	523	21	61	-545	+.15	0	-14
08-24-57 010229512 010870678 5-71					12		14,230	3.70	526						
1327008 WINTERCREST IMPERIAL.....*		5	4	2-21,34	12	3.8	12,796	3.52	450	**	39	-450	+.02	-14	-23
02-24-56 956081 3314317 5-71					17		13,960	3.48	486						
1327169 MASTERPIECE BELWAYNE GORDON...	21-01	79	1	3-13,21,	90	3.3	13,936	3.62	505	16	86	-614	+.08	-12	-26
06-03-58 905683 3307036 5-71				23	22		14,734	3.54	522						
1327232 MASTER HOPE SPRING FARM.....*		16	4	3-16,21,	29	3.1	13,611	3.98	542	14	59	-540	+.21	+9	-7
07-27-57 010253819 011089380 5-71				64	19		14,589	3.63	530						
1327405 LAVACRES DICTATOR DEFIANCE....*	31-02	239	31	14-31,43,	863	1.5	14,154	3.63	514	13	90	-362	+.04	-7	-15
06-19-58 1204163 3399994 1-71				56,64,93	42		14,625	3.59	525						
1327489 HEATHERDALE WAYNE BRUCE.....*		6	12	2-22,35	22	3.6	12,303	3.53	434	6	38	-393	+.01	-13	-21
09-22-57 1275411 3804592 5-71					28		13,282	3.52	467						
1327562 WHITBECK CAPTAIN BOLD LOUIS...*		2	11	1-34	13	3.2	13,819	3.65	505	0	27	-181	+.05	0	-5
05-01-58 1201307 3522471 5-71					14		14,552	3.51	511						
1327750 W O T S STEWARD REMER TRITOMIA		6	20	1-73	38	2.2	13,403	3.45	462	14	38	-152	-.01	-7	-10
05-24-58 1287549 3460935 5-71					20		13,786	3.49	481						
1327899 G & B BURKE BURR HEAD.....*		2	15	1-21	29	2.6	14,199	3.02	429	16	40	-159	-.13	-24	-24
12-23-57 1022095 3999073 5-71					11		14,674	3.35	491						
1328247 ARCHAMBAULT SYMBOL SKYROCKET..*		5	10	3-32,33,	17	1.6	11,384	3.48	396	8	30	-190	-.02	-10	-13
07-26-57 1212056 3719951 5-71				43	24		11,812	3.60	425						
1328260 FISHER DELL ADM CORA RUBE CHET*		12	7	1-32	40	3.3	13,677	3.47	475	12	60	+64	-.03	-2	0
12-13-57 1119514 3250153 5-71					11		13,530	3.53	478						
1328278 CHRISTY HIGH MERIT.....*		35	2	9-21,23,	41	1.7	13,384	3.63	486	**	69	-618	-.01	-24	-36
05-30-58 1265747 3298348 5-71				31,34,52	41		14,321	3.66	524						
1328401 VENTURE FARM CONQUEROR.....		1	16	1-13	16	5.4	15,147	3.95	599	0	29	+210	.00	+8	+12
04-20-58 1227212 3741009 1-71					35		14,473	3.99	577						
1328502 WAL-CO-FARM LEADER FOBES.....		4	6	1-35	13	2.3	13,311	3.57	475	**	33	+167	-.05	-1	+4
03-29-58 1267653 2543097 5-71					10		12,678	3.79	480						
1328538 WINTERTHUR IAGO ZEUS NOEL.....*		5	7	4-50,51,	13	2.2	14,867	3.61	537	27	30	-306	+.02	-8	-15
10-25-57 1213165 3520969 5-71				61,63	21		16,096	3.57	575						
1328620 HAYSSEN GOLDEN CROSS.....*	91-11	34	5	10-23,31,	54	2.0	12,877	3.83	493	3	68	-715	+.17	-3	-21
07-15-58 1277314 2748774 5-71				35,41,42	18		13,925	3.58	498						
1328752 DU PAGE RIVER ROCKET MASCOT...*		5	9	2-33,35	28	2.4	14,052	3.52	495	19	45	+196	-.04	+2	+7
06-20-58 1122159 4182429 5-71					13		13,582	3.59	488						
1328843 ARNOLMONT GOVERNOR.....*		13	4	1-23	25	1.8	13,708	3.63	498	**	52	-67	-.03	-7	-8
03-17-58 889361 2620529 5-71					7		13,829	3.72	515						
1328848 JADOT RAG APPLE ROMAR.....*		2	27	1-31	29	2.9	12,622	3.56	449	8	30	-346	+.01	-11	-18
07-17-58 1024453 3315950 5-71					21		13,781	3.54	488						
1328911 ADMIRAL VOYAGEUR LAD.....*		8	17	2-33,61	29	2.7	13,821	3.61	499	**	37	-29	+.03	+3	+2
06-05-57 1223920 4413276 5-71					16		13,896	3.53	490						
1328923 EOH CRESCENT BURKE.....		1	26	1-73	26	2.4	11,691	3.34	390	**	27	+7	-.06	-8	-6
04-17-57 1253403 3724045 1-71					3		11,414	3.63	414						
1329210 SOBOSS ORMSBY RAINBOW.....*		7	20	2-34,73	31	2.6	15,039	3.69	555	36	34	+20	.00	+1	+1
04-20-57 1127694 3636460 5-71					22		15,096	3.70	558						
1329322 ECHORIDGE PABST FOBES.....*		2	12	1-21	15	2.5	14,138	3.34	472	22	28	-102	-.03	-8	-9
07-17-58 1220673 3895804 5-71					13		14,568	3.45	503						
1329476 TIDY BURKE MERCEDES.....*		10	20	2-47,48	57	3.2	15,498	3.35	519	9	52	+289	-.07	+1	+8
08-29-57 1195221 4178023 5-71					10		15,050	3.45	519						
1329521 AR-KE PRINCE VAN FEL.....		1	14	1-43	14	3.9	10,477	3.50	367	**	27	-219	-.03	-12	-16
12-11-54 1209418 4606933 1-71					11		11,001	3.67	404						
1329535 CHAMBRIC IDEAL BURKE DUNLOGGIN*		3	16	2-35,42	20	3.6	13,651	4.01	548	6	31	-407	+.11	0	-11
07-04-58 1150470 3205581 5-71					17		15,090	3.67	554						
1329558 LEOHOST JAY MARY NILS-TWIN....		8	2	5-32,33,	12	1.8	14,582	3.52	514	0	39	-47	.00	-2	-3
07-07-58 1108999 3863675 1-71				41,48,87	26		14,790	3.54	523						
1329574 POESTENKILL MODEL MARATHON....*		14	4	4-13,14,	35	2.2	16,060	3.59	577	28	60	+335	-.01	+11	+18
04-25-54 1148993 3392854 5-71				16,21	23		15,672	3.61	565						
1329589 OATS FARM GREAT RAG APPLE.....		2	32	2-41,88	34	1.9	16,084	3.56	572	0	28	+36	-.02	-1	0
05-10-58 1024453 4420848 5-71					13		16,178	3.63	587						
1329617 KINGSTEAD CHAMPION ANDREW.....*		4	18	2-51,56	32	2.4	12,999	3.84	499	0	38	+390	.00	+14	+22
07-28-58 1024856 3376291 5-71					16		11,767	3.88	457						
1329686 M V B A ROXANNE POSCH BENJAMIN	41-01	376	2	6-41,42,	594	1.9	13,583	3.69	501	12	97	-298	+.11	+4	-4
01-02-58 1064738 3260026 9-70				45,46,71	13		13,886	3.57	496						
1329804 MORMILK CHIEF RATTLER SELECT..		1	17	1-56	17	4.0	13,783	3.62	499	**	27	+75	-.01	+2	+4
01-29-54 859031 4515053 5-71					45		13,456	3.64	490						
1329981 U NEVADA WIS BURKE ABE.....*		3	6	2-88,93	11	2.1	16,111	3.25	523	**	29	+209	-.05	+1	+6
11-15-57 1013415 3780567 5-71					19		15,540	3.37	523						
1329983 U NEVADA BURKE IDEAL.....*		3	12	2-88,93	23	2.1	15,250	3.15	481	**	36	-200	-.09	-19	-21
04-25-58 1013415 3581805 5-71					49		16,024	3.38	541						
1329994 ROJAN BURKE PABST OLIVER.....*		3	52	2-32,35	56	3.6	14,232	4.02	572	2	33	+89	+.11	+18	+17
10-27-57 1070036 4408755 5-71					31		13,960	3.72	519						
1329999 JMC HOMESTEAD SILVER DEAN.....*		4	24	1-71	51	3.8	12,176	3.21	391	0	47	-157	-.01	-7	-10
11-20-56 1121583 3249815 5-71					17		12,355	3.21	397						

REGISTRATION NUMBER NAME DF BULL	STUD CODE	NUMBER HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	%	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1330183 HARDEN FARMS DUKE TRIUNE.....	33-02	205	5	8-31,33,	531	2.5	13,787	3.57	492	14	96		+90	-.07	-7	-3
05-18-58 1112211 2200823 1-71				61,72,74	16		13,665	3.66	500							
1330186 HICKORY CLYDE SENSATION.....*		3	9	2-21,33	12	4.1	12,417	3.49	433	0	31		-350	-.03	-17	-23
12-31-57 1219882 3370301 5-71					11		13,526	3.64	492							
1330248 KNOLLTOP GOLDEN PRINCE.....*		2	22	1-34	27	2.1	14,276	3.47	495	13	30		+353	-.02	+10	+17
07-22-58 1079736 3325549 5-71					29		12,983	3.51	456							
1330259 POLYTECHNIC KNIGHT WAYNE.....		2	39	1-93	48	4.4	19,786	3.57	706	0	37		+980	+.02	+38	+57
02-05-58 1242221 3707046 5-71					70		17,453	3.51	613							
1330296 HOWARD FARM SIR ROBURKE PRINCE*		2	13	2-33,42	15	4.5	15,187	3.46	525	0	30		+238	-.03	+4	+9
05-06-58 1024453 4173424 5-71					14		14,437	3.56	514							
1330356 WIS SATELLITE.....	41-25	53	3	5-35,41,	90	2.5	12,979	3.89	505	17	82		-667	+.16	-3	-20
07-29-58 1292880 3373777 5-71				43,45,74	12		13,780	3.71	511							
1330361 WIS ATOM SYMBOL.....*		6	17	1-33	36	3.2	13,601	3.60	489	4	44		-287	-.01	-12	-17
07-25-58 1189593 3825631 5-71					18		14,288	3.63	519							
1330362 WIS DIRECTOR.....	93-10	31	8	1-93	132	1.7	16,927	3.59	607	**	79		+646	-.05	+16	+30
07-28-58 1189593 3255088 5-71					34		16,354	3.64	596							
1330424 ADOHR GOLDEN STARFIRE.....		3	46	1-93	59	1.7	19,295	3.50	676	13	31		+648	-.01	+22	+35
03-15-58 1215448 3808375 5-71					69		17,583	3.50	616							
1330478 LUXANA PINNACLE.....*		6	15	3-31,34,	25	2.6	14,864	3.57	531	17	36		+123	-.03	0	+3
06-09-58 1276361 3015387 5-71				57	107		14,584	3.68	537							
1330597 MAVIEW SIR MAPLE PILOT.....	35-75	651	3	37-21,35,	1,201	1.7	14,940	3.57	534	9	98		+507	-.06	+10	+21
08-11-58 1094305 2978190 5-71				41,55,57	27		14,477	3.63	526							
1330612 GORLIB REFLECTION FOLLY.....*		7	10	2-56,57	25	2.2	13,357	3.66	489	0	41		-188	+.01	-5	-9
11-26-57 010198998 3596133 5-71					18		13,804	3.64	503							
1330649 TABUR ROCKET JESS.....*		16	38	3-43,48,	85	2.6	15,010	3.38	508	16	47		+469	-.08	+5	+16
08-23-58 1285716 4293803 5-71				74	34		14,023	3.54	496							
1330687 SHAWS O C T SUPERB TIDY.....		1	40	1-57	40	2.2	14,730	3.79	559	17	27		+34	+.02	+4	+4
07-13-58 972500 3423626 5-71					8		14,678	3.73	548							
1330701 RUSSINWOOD SULTAN.....	35-05	112	2	6-33,35,	165	2.5	13,313	3.48	463	12	90		-324	-.15	-32	-35
06-21-58 1288851 3050302 5-71				41,42,57	15		13,642	3.66	499							
1330745 SPRUCELEIGH CHIEFTAIN JERRY...*		6	11	2-23,31	23	2.4	14,753	3.55	524	35	37		+46	.00	+2	+3
01-26-54 010241672 010870538 5-71					13		14,707	3.54	520							
1330768 WALKWAY HONEYMAN JDE.....*		1	16	1-33	16	3.3	10,510	3.59	377	0	27		-495	+.01	-16	-26
09-09-57 1265694 4039627 1-71					5		12,202	3.57	436							
1330778 GILLS PONTIAC SOVEREIGN.....*		2	45	1-52	49	2.2	12,231	3.30	404	6	30		+47	-.02	-1	0
06-17-58 1024836 3481273 5-71					66		11,864	3.36	399							
1330887 MATILDA LEADER DUKE.....		3	11	3-35,82,	15	3.3	12,893	3.40	438	8	29		-73	-.05	-9	-9
04-23-58 1150470 3407777 5-71				91	29		13,058	3.58	468							
1330908 WICKWOOD WRAMBLER.....*		6	27	3-22,23,	36	3.3	15,078	3.85	581	13	35		+298	+.03	+15	+20
08-25-58 1286036 3902169 5-71				55	26		14,250	3.80	541							
1330918 B O I PAULBUAL OLIVER.....	41-01	111	11	8-41,45,	204	1.9	14,982	3.51	526	11	83		+178	-.05	0	+5
05-19-58 1087974 3865938 5-71				52,82,87	30		14,860	3.57	530							
1330920 B O I PAULAUGOV LANCE.....*		2	71	1-23	73	2.1	13,964	3.54	494	15	29		+79	-.02	0	+2
05-21-58 1087974 3219385 5-71					46		13,667	3.61	494							
1330981 SKOKIE REGENT DUKE.....*	23-13	530	4	12-21,22,	1,083	1.9	14,561	3.72	542	10	98		+29	+.03	+5	+5
06-22-58 1288610 3235817 1-71				23,63,93	20		14,597	3.71	541							
1330982 SKOKIE DUKE GERRY.....*		3	47	3-32,35,	51	2.0	13,117	3.45	452	17	29		-405	-.02	-17	-25
07-04-58 1288610 3785644 5-71				87	14		14,576	3.53	515							
1330986 SKOKIE PERFECTION DUKE.....*		8	3	2-34,86	14	2.9	13,452	3.52	474	0	43		-142	-.01	-6	-9
07-18-58 1288610 3201481 5-71					28		13,765	3.55	489							
1331029 SAPA SKA GENERAL ROBURKE.....*		10	7	2-35,41	30	3.4	14,452	3.45	498	4	53		+323	-.13	-7	+3
07-25-58 1024453 3732696 5-71					11		13,832	3.72	514							
1331227 UNH GOLDEN REVELLER-TWIN.....*	23-09	465	4	10-23,35,	1,006	2.7	13,869	3.66	508	11	98		-76	-.07	-12	-12
08-10-58 1181068 2874989 1-71				41,51,54	15		13,948	3.75	523							
1331314 ROSAFE SHAMROCK GODFREY.....*		33	18	7-34,35,	116	2.6	14,116	3.88	547	8	69		-303	+.07	-2	-10
04-08-58 010198998 4641487 1-71				41,46,56	17		14,624	3.80	556							
1331369 BAYFIELD GRAWIN FOBES NOAH....*		4	7	2-14,16	23	2.7	13,962	3.58	500	26	45		-488	-.04	-23	-32
05-25-58 976710 3420513 5-71					23		15,186	3.68	559							
1331376 PECATONICA PRILLY CORONA.....*		5	3	1-35	11	3.2	11,468	3.65	419	0	37		-542	+.03	-16	-27
08-03-58 1287168 3701480 5-71					12		12,806	3.59	460							
1331390 BRAUNS LEADER BILL.....*		17	4	7-43,48,	38	2.0	13,462	3.57	480	9	61		-336	-.02	-15	-21
02-26-58 915940 3188644 5-71				65,73,74	25		14,018	3.62	507							
1331405 PACIFIC SLOPE KING PIEBE.....		1	15	1-93	15	1.0	12,338	3.58	442	**	20		-61	+.01	-1	-2
08-23-54 1087133 2854856 5-71					5		12,511	3.57	447							
1331428 KING ORMSBY OSBORNDALE.....	33-03	657	3	43-14,21,	1,061	2.0	14,289	3.63	519	11	98		+15	+.01	+2	+2
01-28-58 934577 2475925 5-71				23,35,42	21		14,310	3.63	519							
1331439 PLATTCO STATESMAN.....	93-05	33	8	4-82,86,	99	1.8	17,410	3.36	585	14	75		+775	-.09	+14	+32
03-15-58 1091411 3591154 5-71				91,93	100		16,641	3.45	574							
1331511 THONYMA RAVEN IDEAL SENOR.....*		5	44	3-43,63,	53	2.5	14,698	3.61	531	11	32		-53	-.03	-6	-6
05-14-58 1113350 4204568 5-71				73	23		14,967	3.72	557							
1331706 KYLANO GALLANT CRESCENT.....*		3	23	2-35,55	28	3.6	14,518	3.47	504	6	33		+14	-.06	-8	-6
10-01-57 1262613 4086149 5-71					13		14,535	3.67	534							
1331707 KYLANO BELMONT AMY LEADER.....*		5	32	3-33,42,	43	3.7	14,141	3.51	497	10	36		+40	-.02	-1	0
11-29-57 1262613 3598312 5-71				57	18		14,038	3.58	503							
1331709 KYLANO PREMIER SEGIS LEADER...*	35-75	426	4	40-21,23,	852	1.5	15,637	3.54	554	11	97		+682	-.08	+13	+28
08-28-58 1262613 3672478 1-71				32,35,55	30		15,045	3.62	545							
1331971 TOLEDO GOVERN GAL VALE.....*		9	7	1-31	31	2.5	15,529	3.58	556	14	53		+103	+.01	+5	+7
03-21-58 1060490 3565435 5-71					38		15,487	3.56	551							
1331974 LYON BROOK WALLIE CAPPER.....*		5	20	1-31	61	3.1	12,671	3.61	458	12	53		-184	+.05	0	-5
01-03-58 1190632 4182218 5-71					6		12,919	3.53	456							
1332029 PETE RAVEN RE-CHARITY LAD.....*		2	12	1-35	14	3.6	15,321	3.59	550	0	28		-66	+.03	+2	0
11-25-57 1284364 3872975 5-71					19		15,742	3.47	547							
1332076 REFLECTION ORCHARD VALE A B C.*		56	2	23-21,23,	67	1.6	14,934	3.63	542	20	78		+401	+.05	+22	+29
07-17-57 010198998 3136625 5-71				33,51,86	55		14,475	3.56	515							

REGISTRATION NUMBER NAME DF BULL	STUD CODE	NUMBER DF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED MILK	%	DIFFERENCES FAT	$$
1332101 RIVER VALLEY T N PRINCE.....*		6	16	2-35,74	32	3.1	14,250	3.62	516	6	41	-230	-.03	-13	-17
07-05-58 1264035 3089912 5-71					7		14,911	3.72	555						
1332174 WILD ROSE WINTERTHUR PRINCE...*		5	47	1-21	55	2.3	11,780	3.39	399	7	31	-463	-.03	-21	-29
09-10-58 1130231 3553146 5-71					11		13,187	3.54	467						
1332195 A 8 C WOOD8OURNE ZORRD.....*		3	29	1-51	48	2.8	11,865	3.50	415	23	39	-260	-.03	-14	-18
07-08-58 010198998 3979695 5-71					21		12,376	3.63	449						
1332274 SCHUTZHOLM HDMESTEAD DONALD...*		4	10	1-35	15	3.3	11,934	3.69	440	8	33	-257	-.02	-12	-17
07-23-58 1262987 4029665 5-71					30		12,592	3.78	476						
1332302 SANMARGALE LEADER STAR.....*		4	60	2-31,34	68	2.6	14,618	3.58	524	10	32	+98	-.01	+2	+4
07-12-58 915940 3448650 5-71					59		14,350	3.63	521						
1332344 WINDY SHADE DUKE CANARY POSCH.*		13	3	2-23,31	26	2.0	13,306	3.48	463	11	55	-628	-.08	-33	-44
08-12-58 1290349 2652104 5-71					20		14,506	3.63	527						
1332419 JO-JDN TIOY 8URKE MASTER.....		1	12	1-93	12	1.0	20,243	3.34	677	**	19	+457	-.05	+9	+19
06-28-58 1178318 3046014 5-71					82		18,213	3.52	642						
1332746 K-ACRES RAINIER PETE.....		1	28	1-82	28	2.5	16,750	3.37	564	0	27	+394	-.04	+9	+18
12-17-57 1023059 3924377 5-71					7		15,440	3.45	532						
1332778 BD-LAN DOUBLE LEADER.....		6	2	1-48	10	3.5	13,385	3.47	464	13	38	-309	-.01	-13	-19
12-30-57 1188528 3921070 5-71					19		14,240	3.53	502						
1332860 8URKE LADIE MDNARCH GERBEN...*		5	36	1-43	50	2.8	16,136	3.56	574	3	35	+296	.00	+11	+17
03-13-58 1239588 3538974 5-71					15		15,452	3.55	548						
1333044 WILLOMDNTE WIS8URKE ROGUE.....*		4	4	1-93	10	2.2	13,669	3.85	526	0	31	-646	+.09	-11	-26
02-21-58 1013415 3707851 1-71					21		15,988	3.58	573						
1333144 WECO RUNNINGWELL MODEL RELIGHT*		1	37	1-34	37	2.2	11,888	3.50	416	**	26	-380	-.02	-17	-24
07-30-58 1028260 3602767 5-71					13		13,274	3.64	483						
1333227 NACHES MADCAP HAMILCAR.....*		6	27	3-81,82,	36	2.4	14,347	3.36	482	7	33	+93	-.03	-1	+2
05-12-58 1249795 3832033 5-71				87	12		14,076	3.45	485						
1333330 FREE8AER GOLDEN THOR-TWIN.....*		18	10	6-12,21,	51	2.2	14,224	3.58	509	21	59	-762	+.01	-26	-41
06-12-58 1269869 4096164 5-71				23,32,50	16		15,699	3.57	560						
1333366 HURLWDDO RO8URKE CONQUEROR....*		3	15	2-16,21	19	3.5	12,999	3.63	472	6	31	-132	+.03	-1	-4
08-25-58 1024453 3251462 5-71					13		13,370	3.56	476						
1333409 8D-LAN LEADER STATESMAN.....		3	40	1-48	62	2.4	17,378	3.62	629	14	38	+341	+.04	+18	+24
04-16-58 1188528 3114797 5-71					21		16,756	3.53	591						
1333423 HDOD KRDFT AAGGIE.....		3	29	1-11	63	2.5	15,273	3.41	521	10	45	+210	-.12	-9	-2
04-25-58 1231982 3850597 5-71					35		14,904	3.67	547						
1333483 ZELSDN CDCHRAN JERRY.....*		3	9	1-21	13	2.2	14,044	3.67	515	**	28	-583	+.02	-18	-30
02-02-58 1168406 4230162 5-71					37		16,408	3.60	591						
1333523 CASH-MAR PLUS MDDEST.....*		23	3	11-31,32,	36	2.5	13,344	3.45	461	7	66	-77	-.07	-12	-12
04-01-58 1302004 4406514 5-71				34,43,72	20		13,408	3.57	478						
1333641 PA8ST COMMANDER LEADER.....	33-03	886	3	42-14,21,	1,383	2.1	14,227	3.68	523	12	99	+87	+.07	+13	+13
07-30-58 915940 3161323 9-70				23,35,41	19		14,160	3.61	511						
1333706 RICH-HERD TEXAL JO 8URKE.....	41-25	103	5	9-35,41,	175	1.8	15,699	3.52	552	8	88	+860	-.11	+15	+35
08-06-58 1295307 2733153 5-71				42,43,47	23		14,802	3.64	539						
1333708 RICH-HERD LEADER PACEMAKER....		1	46	1-82	46	3.2	13,622	3.36	458	**	30	-60	-.06	-10	-10
09-22-57 1189594 4295149 5-71					30		13,811	3.57	493						
1333717 SPRINGDALE PA8ST MAN-O-WAR....		2	14	1-41	18	2.8	11,575	3.47	402	**	28	-287	-.02	-13	-18
11-25-55 1079168 3160074 5-71					13		12,442	3.59	447						
1333825 KEYSTONE IDEAL LAFAYETTE.....*		7	6	1-23	27	2.6	14,437	3.75	541	17	52	-153	.00	-6	-9
08-03-58 1013415 3840436 5-71					14		14,823	3.78	561						
1333969 MAYERS DARK LEADER.....*		132	1	28-21,23,	151	1.6	14,457	3.77	545	**	89	-179	+.14	+13	+6
02-18-58 915940 3309700 5-71				31,32,33	29		14,738	3.62	533						
1334006 OURALYNE DICTATOR JERRY.....		2	15	1-35	17	2.9	13,381	3.39	453	**	27	+9	-.02	-3	-2
11-14-57 1204163 4018874 5-71					16		13,281	3.50	465						
1334016 PENSTATE H JOSIE REFLECTION...*		4	9	3-22,23,	14	2.1	14,659	3.77	553	17	29	+84	-.04	-2	+1
04-13-58 1270143 3581497 5-71				51	19		14,418	3.95	570						
1334052 HENSON ZEUS ACHILLES.....*		13	30	5-33,35,	83	2.4	13,707	3.60	494	17	50	-441	-.07	-25	-32
09-07-57 1272684 3888406 5-71				57,64,93	40		14,656	3.75	550						
1334055 CANAAN RO8URKE AJAX.....*		1	22	1-57	22	2.9	13,919	3.65	508	18	28	-191	+.03	-3	-7
02-02-58 1171797 4418428 5-71					9		14,690	3.58	526						
1334073 ELROC ADMIRAL WAYNE.....*		7	12	1-23	34	3.4	12,933	3.48	450	7	49	-390	+.03	-10	-18
11-24-57 1250894 3355363 5-71					39		13,708	3.42	469						
1334179 SHAWS O C T AIM OUNLOGGIN.....*		3	10	2-21,23	19	2.9	15,270	3.46	528	0	37	+345	-.02	+9	+16
09-27-58 972500 3342550 5-71					36		14,391	3.51	505						
1334223 BACHELOER FERN SIOE MEL8A.....*		3	25	1-12	35	3.5	12,054	3.75	452	3	36	-325	+.02	-9	-16
06-15-57 1011980 3314471 5-71					12		12,842	3.72	478						
1334345 SILVER VILLA DON SPICE.....		3	49	2-35,48	53	2.4	13,052	3.75	490	6	30	-200	+.02	-4	-9
10-08-58 991875 3172049 5-71					15		13,688	3.70	506						
1334402 WHITILL SUPREME.....*		2	13	1-33	15	2.3	13,388	3.66	490	**	27	+103	-.03	0	+3
09-08-58 1119514 3954319 5-71					15		12,896	3.82	493						
1334633 GRAY VIEW CREATOR STARFIRE LAD*		1	38	1-35	38	3.6	13,915	3.77	525	21	30	-217	+.06	0	-6
03-31-58 1198696 3677671 5-71					6		14,734	3.60	531						
1334640 GRAY VIEW SKY COMMAND.....*		8	16	3-14,35,	47	2.5	13,495	3.59	485	15	50	-578	+.03	-17	-29
04-02-58 1244845 4056521 5-71				42	10		14,736	3.56	524						
1334641 GRAY VIEW SKY SUCCESSOR.....	72-01	51	18	6-31,42,	259	1.4	13,791	3.42	472	10	80	-428	-.05	-22	-29
05-28-58 1244845 2981945 1-71				43,65,72	25		14,371	3.48	500						
1334642 GRAY VIEW SKY NICOLET.....	35-05	315	3	13-32,33,	622	2.0	14,598	3.67	536	13	97	+318	+.02	+14	+20
06-10-58 1244845 3167997 1-71				35,41,42	16		14,305	3.66	523						
1334744 8RIGEEN GOLDEN FOREMOST KING..*		9	2	2-11,58	15	1.9	14,579	3.61	527	**	44	+151	.00	+5	+8
06-27-58 1170426 4281837 5-71					15		14,269	3.62	517						
1334985 KIDD FARMS NETHERLAND 8OOSTER.*		1	24	1-93	24	2.8	14,657	3.29	482	0	27	+121	-.04	-1	+2
09-27-57 1253078 3806803 5-71					67		14,239	3.41	486						
1335027 LIECHTYVALE 8URKE AAGGIE.....		1	16	1-32	16	3.4	14,099	3.48	491	**	26	+50	-.07	-8	-5
07-22-58 1241768 4019310 5-71					4		13,906	3.80	528						
1335287 LUCARO 8 M A PA8ST INKA.....*		6	2	1-52	11	2.2	12,829	3.24	416	25	37	-557	-.06	-28	-38
09-18-58 1066477 3925484 5-71					16		14,376	3.43	493						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT	PREDICTED DIFFERENCES MILK	%	FAT	$$
1335588 GEORGE LEADER ROBURKE BLOOM...*		13	14	3-23,54,	48	3.3	15,611	3.62	565	5	54	+533	-.12	+2	+15
03-19-58 1243455 2720284 5-71				57	13		14,708	3.86	567						
1335627 COUNTRY DIGNITY HARTOG JOE....*		3	40	3-35,41,	47	3.1	16,529	3.74	619	11	34	+403	.00	+14	+22
06-15-58 1257762 4141897 5-71				87	14		15,483	3.78	585						
1335705 MIDALE MONTVIC BEACH.....*		3	9	2-23,41	12	1.2	13,886	3.64	505	**	23	+3	-.01	-1	-1
08-25-58 1156771 3477706 5-71					9		13,865	3.72	516						
1336033 PABST CONQUER.....*	35-03	120	2	8-23,32,	178	2.9	15,020	3.53	530	8	91	+603	-.12	+5	+20
07-14-58 915940 2939389 5-71				34,35,42	16		14,407	3.66	527						
1336048 PEMRED RAPOSCH JEWEL FLUTE....		1	60	1-52	60	2.8	11,829	3.61	427	13	30	-61	-.01	-4	-5
06-24-58 1213874 4024741 5-71					15		11,826	3.70	438						
1336050 LOCKWAY JOHANNA POSCH LUCIFER.	34-01	386	5	11-23,31,	967	1.3	15,325	3.63	556	11	97	+1,088	.00	+39	+61
07-09-57 1165012 3150965 1-71				32,34,51	21		14,232	3.63	517						
1336055 HEGEMAN DUKE PERFECTION.....*		8	13	2-34,43	42	2.7	10,992	4.21	463	3	51	-829	+.15	-10	-30
03-17-58 989939 3675392 5-71					23		12,480	3.86	482						
1336061 HAMPS ARA8 SUPREME GERONIMO...*		6	15	2-57,64	25	2.5	14,447	3.63	524	4	36	+127	-.01	+3	+6
07-10-58 1253085 3281811 5-71					17		14,109	3.66	516						
1336215 RAVENGLEN COMMANDER.....*		12	55	1-43	85	2.9	10,985	3.81	418	14	40	-488	+.06	-10	-21
06-01-58 1253322 2378766 5-71					47		12,027	3.66	440						
1336245 DOORCO ROAMER CELEBRITY BILLIE*		1	24	1-35	24	2.3	12,545	3.92	492	0	27	-247	+.07	0	-6
09-20-58 1220707 4039336 5-71					8		13,413	3.68	493						
1336265 ELMER BROOK HOMESTEAD FAVORITE*		11	8	3-33,35,	34	2.7	15,439	3.69	569	19	54	+211	-.01	+6	+10
08-12-58 1119383 3075602 5-71				74	11		15,168	3.72	564						
1336273 AL-LOU-JAN DUNLOGGIN IDEAL....*		53	2	16-21,22,	60	1.7	13,772	3.46	477	10	77	-228	-.09	-20	-23
03-03-58 1113350 3654690 5-71				23,31,34	87		14,085	3.59	505						
1336284 KARLYN MUTUAL PLUTO.....		2	16	1-41	24	2.9	15,780	3.66	578	**	34	+703	-.06	+17	+32
09-22-58 1087974 3058951 5-71					24		13,688	3.88	531						
1336320 STAR PLAIN VIEW PROFILE.....	35-75	677	7	38-21,23,	1,184	1.3	14,491	3.64	528	14	97	-218	+.02	-5	-10
06-11-58 1169417 3071675 1-71				41,55,85	61		14,803	3.63	538						
1336324 PINEHURST KLAZERINA LEADER....*		10	38	1-31	98	2.7	14,618	3.63	530	6	51	-79	+.03	+1	-1
03-19-58 915940 2631241 5-71					13		14,868	3.56	530						
1336435 HIGH AWARD SUNNYBANK.....*		17	28	3-13,51,	89	2.0	12,974	3.62	470	16	53	-7	-.03	-4	-4
12-14-55 010246610 010632101 5-71				55	27		12,884	3.70	477						
1336523 LYON BROOK PRINCE LUCIFER....*		20	2	7-21,23,	28	2.9	14,687	3.61	530	11	63	+455	.00	+17	+26
08-28-58 1293401 4104653 5-71				52,54,55	18		13,961	3.60	502						
1336658 CARNATION IDEAL DIGNITY.....*	35-02	103	7	4-34,35,	171	2.0	14,621	3.58	523	15	86	+186	-.05	-1	+4
07-17-58 1175596 2931901 5-71				41,85	17		14,454	3.65	528						
1336659 CARNATION IDEAL PRINCE.....*	87-01	30	11	5-82,83,	72	1.9	14,102	3.62	511	13	63	-431	+.03	-11	-20
07-27-58 1175596 4051117 5-71				84,87,91	19		14,884	3.59	534						
1336670 ADAMSVIEW OVATION REBURKE DUKE*		7	33	3-23,51,	66	2.4	14,483	3.71	538	11	43	-195	+.01	-6	-10
11-28-57 1112211 3716163 5-71				73	45		15,047	3.73	561						
1336832 E W ANTIGUA SHANGHIGH BUD.....		7	17	1-84	87	3.2	15,987	3.79	606	6	65	+276	+.08	+21	+25
07-08-58 1090258 3965279 5-71					34		15,746	3.69	581						
1337006 RAG APPLE SEGIS LARRY.....		1	10	1-23	10	2.1	15,841	3.71	588	30	22	+94	-.04	-2	+1
09-01-58 1267254 4174742 5-71					25		15,565	3.95	615						
1337043 ROBURKE FERNSIDE BOSCAWEN.....		1	10	1-14	10	5.1	11,867	3.56	422	0	25	-114	+.01	-3	-5
08-23-58 1024453 4062092 1-71					11		12,153	3.55	432						
1337100 MOUNTFIELD INDY COMMANDER.....*		12	3	2-21,47	20	2.1	11,620	3.75	436	8	49	-618	+.08	-11	-25
04-28-57 1216909 2821105 5-71					18		12,756	3.57	456						
1337271 HARDEN FARMS DUKE DESIGN.....	65-02	36	7	1-65	139	2.5	13,654	3.41	466	10	83	+125	-.08	-7	-3
09-01-58 1112211 3379025 5-71					10		13,454	3.51	472						
1337311 YORKHOLD TWEEDE MAC.....*		1	17	1-23	17	1.2	10,493	3.50	367	**	21	-273	-.02	-12	-17
11-02-57 1205537 4710239 5-71					14		11,558	3.63	419						
1337481 DAISY ACRES SENSATION LEADER..*		7	2	1-21	10	3.0	15,659	3.44	538	**	37	+269	-.05	+2	+9
10-21-58 915940 2585472 5-71					22		15,045	3.57	537						
1337490 ROCKCREST GENERAL ROBBY.....		3	4	2-41,42	11	2.0	11,775	3.41	402	50	32	-90	-.03	-8	-9
10-28-58 1236579 3583662 5-71					3		11,854	3.55	421						
1337633 CYPRESS LANE SEXTON.....*		2	8	1-93	16	3.2	16,410	3.33	547	**	36	+478	-.06	+9	+20
02-07-58 1252231 3004173 1-71					37		15,212	3.44	524						
1337647 VIGO LEADER CARL.....*	35-05	109	2	7-33,35,	159	3.0	14,038	3.65	513	8	91	-9	.00	-1	-1
08-03-58 915940 3777356 5-71				41,42,63	15		14,061	3.67	516						
1337655 TAVERN ROYAL JUPITER.....*		2	10	1-12	20	3.4	13,236	3.57	472	0	38	+274	-.06	+1	+8
09-29-58 1232453 2572354 5-71					3		12,364	3.78	467						
1337682 ELMER BROOK WALLIE HOMESTEAD..*		5	10	1-35	18	1.9	13,619	3.40	463	**	32	+52	-.06	-6	-4
06-27-58 1236789 3786541 5-71					9		13,402	3.60	483						
1337741 NACHES HOOGLAND FLASHY BOY....*	23-09	427	3	11-22,23,	712	2.0	15,192	3.73	566	8	97	+803	+.01	+30	+46
02-20-58 1249795 3765729 1-71				50,51,81	19		14,413	3.74	539						
1337750 RANDOLPH ANTONY PARAGON.....		1	34	1-52	34	2.0	16,269	3.52	573	4	26	+511	-.07	+8	+20
11-28-57 1066477 3837911 5-71					20		14,354	3.81	547						
1337804 SHUR-POLL PINES MEG LAD.....		2	13	1-41	21	3.0	13,250	3.72	493	**	34	+110	+.04	+9	+10
09-21-58 1279715 3773053 5-71					5		12,817	3.61	463						
1337951 UNEEDA TILLY KING.....*		13	2	5-21,31,	18	4.1	13,814	3.78	522	11	53	-251	+.10	+5	-2
11-30-55 1210684 2507729 5-71				32,34,64	33		14,325	3.58	513						
1338046 REDFIELD CREATION MODEL.....*		3	42	1-42	51	1.7	14,274	3.89	555	6	30	-20	+.08	+11	+9
09-21-58 1280015 3544284 5-71					38		14,388	3.61	520						
1338072 SILVER TIDY DUNLOGGIN PINKY...*		8	23	2-52,55	37	3.9	15,415	3.69	569	0	40	+497	-.02	+15	+25
03-29-58 1189679 4063951 5-71					32		14,206	3.76	534						
1338406 FARMSTEAD LEADER LAD.....*		1	31	1-34	31	2.4	13,046	3.76	491	14	27	-222	+.04	-2	-7
10-24-58 915940 3778009 5-71					31		13,854	3.61	500						
1338479 PAGANOK PAYMASTER ONYX LAD....		1	41	1-43	41	2.3	10,611	3.58	380	**	28	-359	-.01	-14	-21
11-29-58 1269172 3525324 5-71					4		11,655	3.66	427						
1338519 PIEBE WHITE CLOUD BURKE.....		1	49	1-52	49	1.7	11,490	3.56	409	**	26	-585	.00	-21	-33
12-13-57 1062763 3580604 5-71					2		13,683	3.58	490						
1338531 SEGO ROAD AMY ROBURKE DUKE....*		1	19	1-87	19	2.8	16,332	3.47	567	24	26	+188	-.04	+1	+6
08-18-58 1300519 4068982 5-71					14		15,777	3.62	571						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... OAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1338581 MAVIEW PAUL COLANTHA PILOT....		1	15	1-16	15	3.1	13,114	3.71	487		D	26	-54	-.03	-6	-6
09-02-58 1204898 3593770 5-71					13		13,261	3.90	517							
1338592 HOMESTEAD FARM GOLDEN VEEMAN..	63-01	123	10	3-52,57,	557	2.7	14,020	3.48	488		6	94	+666	-.13	+5	+21
09-07-58 1079736 3662621 1-71				63	16		13,244	3.63	481							
1338593 HOMESTEAD FARM GOLDEN CRETE...*		13	24	2-14,21	91	2.9	15,349	3.71	570		10	59	+80	+.02	+5	+6
10-17-58 1079736 4055806 5-71					27		15,355	3.70	568							
1338594 REDSTONE PRINCE DOU8LE.....*		7	12	3-12,15,	33	3.5	15,282	3.74	572		0	48	+247	-.03	+5	+11
07-02-58 1048655 3914648 5-71				16	42		14,860	3.82	568							
1338626 TOWNSHENO SCHOOLMASTER JIM....		4	21	3-14,31,	27	2.9	14,025	3.57	501		13	32	-16	-.04	-6	-5
09-12-58 1181068 3795859 5-71				34	8		14,092	3.74	527							
1338634 GREEN VALE MAESTRO TEXAL.....*		5	5	1-34	13	3.1	13,659	3.54	484		17	35	+193	-.02	+4	+8
12-13-58 1263007 2852520 1-71					23		13,015	3.61	470							
1338728 MAYERS DUKE MAJESTY FO8ES.....*	31-02	264	13	16-23,31,	790	1.8	14,445	3.92	566		8	94	-229	+.22	+22	+12
03-03-58 1293580 3480321 1-71				51,56,57	22		14,772	3.70	547							
1338935 GREEN COVE PRIDE BURKE.....*		6	14	2-31,54	24	3.2	14,285	3.56	509		5	37	-151	-.03	-9	-11
08-26-58 1113350 4162154 5-71					20		14,778	3.66	541							
1339069 HURLWOOO CONQUEROR VEEMAN.....*		7	12	2-14,16	33	2.9	13,007	3.65	475		13	46	-311	+.02	-9	-16
10-07-56 1026115 3816520 5-71					12		13,649	3.63	495							
1339090 SKAGVALE CHARMING OYNAMIC.....		3	9	1-91	13	2.2	21,076	3.68	775		**	28	+1,035	+.05	+45	+64
04-11-58 1227779 3880121 5-71					6		17,701	3.52	623							
1339114 THONYMA ORMS8Y IOEAL.....*		1	37	1-33	37	3.3	13,765	3.65	502		17	30	+37	+.02	+4	+4
04-14-58 1013415 4204564 5-71					5		13,608	3.57	486							
1339202 LEA INN ACE HIGH 808.....*		2	51	2-41,46	53	2.8	12,126	3.52	427		0	30	-281	-.01	-11	-16
02-17-58 1221072 3357674 5-71					24		12,953	3.57	462							
1339207 LEA INN ACE PRIOE RECOUNT....*		5	17	1-42	30	3.0	14,258	3.51	501		18	38	-202	-.02	-10	-14
01-25-58 1254339 3127929 5-71					36		14,881	3.59	534							
1339266 COLO S U CAVALIER.....	84-01	37	6	6-21,47,	115	2.3	14,805	3.42	507		10	81	-285	-.02	-13	-18
06-08-58 1013415 3420439 5-71				48,83,84	16		15,295	3.45	527							
1339328 MAGSFARM WINNER RAVEN.....*		2	21	1-21	23	4.1	13,852	3.36	465		**	31	-20	+.01	0	-1
05-24-58 1262614 3240628 5-71					33		13,918	3.35	466							
1339436 LANGE RE-CHARITY RAVEN.....*		5	75	2-86,93	86	1.9	17,265	3.32	573		0	31	+386	-.06	+6	+15
03-15-58 1190953 3881858 5-71					54		16,245	3.44	559							
1339464 CHINOOK FURY HAL.....*	23-13	357	6	14-23,51,	1,072	1.3	14,783	3.52	520		15	97	+434	-.15	-6	+6
03-10-58 1207343 3194992 1-71				52,54,91	22		14,380	3.69	530							
1339551 SUSQUESEGO ROMEO PRINCE.....*		4	38	1-21	60	3.4	12,675	3.72	471		7	41	-507	.00	-18	-28
09-15-58 1283313 2569045 5-71					17		13,925	3.73	519							
1339672 MANCRYCO RA8URKE CARL.....*		7	20	2-42,47	49	2.8	13,142	3.73	490		11	47	-86	.00	-3	-5
02-18-58 1275636 4236525 5-71					10		13,256	3.76	498							
1339709 CLAYACRES WALKER INKA ACE.....		3	9	3-21,71,	13	1.1	16,641	3.55	590		0	23	-69	.00	-3	-4
01-17-58 1298777 2932755 5-71				93	160		17,281	3.58	619							
1339783 ROSEOALE LEAOER VICKY.....		1	22	1-42	22	3.3	13,490	3.77	509		**	28	-71	+.03	+1	-1
01-06-59 1271147 3859710 5-71					11		13,721	3.70	507							
1339807 OON AUGUR CARNATION HOMESTEAO.*		5	41	3-13,16,	68	2.7	18,471	3.57	659		5	41	+657	-.03	+20	+34
11-24-57 1298077 4168312 5-71				35	47		17,172	3.62	622							
1339836 SANGARO RAVEN STANLEY.....*	35-05	348	39	17-33,35,	891	1.4	15,727	3.54	557		15	88	+305	-.10	-3	+5
05-15-57 1113350 3680532 1-71				41,42,93	44		15,541	3.65	568							
1340445 ARCHAM8AULT EILLOC PALMYRA....*		1	14	1-86	14	2.1	15,547	3.43	533		**	24	+67	.00	+2	+3
09-21-58 1095002 3964365 1-71					126		15,412	3.43	528							
1340498 UTAG SKYLARK 8OOTS OANOY.....		1	30	1-87	30	1.9	11,882	4.12	490		0	26	-19	+.11	+15	+12
03-05-58 1239242 4056618 5-71					1		11,738	3.64	427							
1340668 IRVINGTON PRIOE 8ING.....*		16	1	5-21,22,	16	1.6	13,739	3.38	465		**	48	-241	-.10	-23	-25
07-03-58 1112030 3430597 5-71				23,31,34	36		14,282	3.61	516							
1340669 IRVINGTON PRIOE COMMANOER.....*	33-03	1,238	6	44-21,23,	2,182	2.3	15,088	3.43	518		13	99	+640	-.19	-4	+13
08-29-58 1112030 2728655 5-71				33,35,41	20		14,495	3.62	525							
1340814 MEISEGEIER REX SIGNET.....*		9	6	3-35,41,	19	3.1	12,165	3.94	479		13	43	-202	+.08	+4	-2
11-27-57 1056437 2937299 5-71				47	13		12,487	3.74	467							
1340821 MEISEGEIER C J CRAFTSMAN.....*		7	19	2-35,41	40	3.0	13,297	3.76	500		5	44	-26	+.01	0	-1
05-21-58 1262986 4308117 5-71					28		13,293	3.75	499							
1340861 ST CROIXCO OE KOL ROCKET.....*	35-05	29	17	4-31,35,	65	2.7	14,739	3.71	547		16	55	+275	.00	+10	+15
09-02-58 1171453 3270748 5-71				41,42	12		14,273	3.72	531							
1340894 VAN 8 THELMA SKOKIE.....*		2	54	1-51	56	4.1	13,287	3.50	465		5	33	+89	-.02	0	+2
05-14-58 978751 2525211 5-71					27		12,911	3.59	464							
1340972 POPOSIA 8ANDMASTER 8URKE.....*		5	6	3-81,83,	16	3.0	15,209	3.45	524		0	40	-86	+.01	-2	-4
03-23-58 1082291 2902764 5-71				87	14		15,590	3.43	535							
1341027 HOLLINS HENRY.....*		3	9	1-52	14	3.1	14,477	3.43	496		**	31	-26	+.02	+2	+1
09-13-57 1188730 3838632 5-71					20		14,634	3.33	488							
1341074 SLEEPY HOLLOW ROYAL 8RAVE.....		1	29	1-93	29	1.1	16,050	3.75	602		**	22	+140	+.04	+10	+12
07-11-58 1252231 3618241 5-71					16		15,592	3.60	562							
1341149 JEWELHOLM SUPREME CYCLONE.....*	31-02	493	10	29-31,43,	1,754	1.8	14,537	3.46	503		12	98	+299	-.15	-10	-1
11-01-58 1241487 4221250 5-71				55,56,64	22		14,264	3.62	516							
1341219 NOEL 8URKE 808.....		3	50	1-21	56	2.5	15,005	3.63	544		3	31	-252	+.04	-4	-10
11-21-58 1006866 3931048 5-71					8		16,046	3.52	565							
1341251 WYNDYHYL 8ELSTRANE RAVEN.....*		5	6	1-21	14	1.6	10,870	3.51	381		18	31	-234	-.03	-12	-16
11-07-58 1280785 2440367 5-71					18		11,367	3.65	415							
1341288 HARDEN FARMS HOOD.....*		6	8	3-12,14,	17	4.1	13,541	3.66	496		0	40	-293	+.01	-9	-15
09-14-58 1266012 4276248 5-71				16	3D		14,306	3.65	522							
1341457 SNEEN JAY EMPEROR.....		1	12	1-35	12	3.2	12,882	3.59	462		0	24	+83	-.01	+1	+3
10-12-58 916471 3634309 9-70					16		12,387	3.65	452							
1341505 WILLOMONTE WIS8URKE DYNAMO....*		2	22	1-86	27	2.9	16,011	3.28	525		8	32	0	-.04	-5	-4
08-24-58 1013415 3707852 5-71					52		16,241	3.37	548							
1341521 SKOKIE DUKE ROYAL.....*		6	23	2-43,73	34	3.1	15,624	3.51	549		13	36	+314	-.01	+10	+16
10-06-58 1288610 3667692 5-71					14		14,839	3.52	522							
1341529 THONYMA IDEAL SENATOR.....*		28	3	8-43,47,	49	3.1	13,944	3.44	48D		19	73	-525	-.12	-35	-43
06-07-58 1013415 3908425 5-71				48,84,93	33		14,747	3.61	533							

REGISTRATION NUMBER NAME DF BULL	STUD CODE	NUMBER DF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1341569 WIS CROWN JEWEL.....*	35-D5	58	2	6-23,35,	76	2.6	13,708	3.47	476	22	82	-337	-.14	-31	-34
10-27-58 1189593 363D656 5-71				41,42,55	14		14,138	3.65	516						
1341570 WIS PIONEER MASTER LAD.....*		3	11	1-87	24	3.7	13,561	4.04	548	D	41	-141	+.09	+7	+2
09-21-58 1292880 3111754 5-71					9		13,905	3.85	535						
1341571 WIS PHANTOM.....*		14	26	4-43,87,	63	2.3	16,283	3.98	648	**	47	+364	+.18	+39	+42
10-12-58 129288D 4027777 5-71				88,93	36		15,684	3.64	571						
1341639 MAYERS OUKE MAJESTY PEARL.....*		15	1	6-21,23,	15	2.6	13,258	3.88	515	**	50	-38D	+.15	+6	-5
11-12-58 1293580 3309696 5-71				32,58,82	24		14,D33	3.58	503						
1341697 LARKFIELD LUCY CHIEF.....*		4	22	1-32	59	3.4	14,066	3.62	5D9	3	52	+153	+.04	+11	+13
09-D9-57 1265469 38D5458 5-71					7		13,750	3.54	487						
1341737 ELMRANGE 8URKE DON.....*		5	3	1-21	1D	2.7	14,D68	3.63	510	33	33	-48	+.D1	0	-1
10-31-58 934577 3935302 5-71					15		14,245	3.58	51D						
1341784 PINEHURST SUPREME 8EAUTY.....*		5	6	2-21,35	12	2.6	14,223	3.21	456	27	33	-5	-.13	-18	-15
07-1D-58 1259039 3426787 5-71					15		14,274	3.6D	514						
1341786 PINEHURST ADMIRAL CYCLONE.....		1	64	1-35	64	2.8	14,842	3.46	513	7	30	+41	.0D	+2	+3
07-11-58 1211333 3477557 5-71					24		14,789	3.42	5D6						
1341797 VALLEY FARMS PETER CHARLIE....		1	11	1-13	11	2.0	13,647	3.58	488	**	22	+111	-.D2	+1	+4
02-15-58 1186525 3804264 5-71					17		13,040	3.67	479						
1341975 RO8THOM SOVEREIGN FOBES.....*		17	6	6-43,48,	44	2.6	15,035	3.56	535	3	62	-191	+.D3	-3	-7
11-06-58 1116365 4259638 5-71				61,63,71	22		15,498	3.52	545						
1342066 SEQUOIA DUSTY CHIEF PILOT.....		1	17	1-93	17	1.1	15,496	3.29	510	**	21	+98	-.05	-3	D
08-20-58 10943D5 2820221 1-71					56		15,137	3.51	532						
1342071 SEQUOIA PILOT SOLEOAO.....		1	21	1-93	21	1.1	14,378	3.67	528	**	21	-167	+.D4	0	-4
10-18-58 1D94305 3567939 5-71					55		15,3D9	3.48	532						
1342189 JENIOA LEO HAZELWOOD.....*		3	61	2-82,87	77	2.2	13,471	3.43	462	17	33	-29	-.D1	-3	-3
09-27-57 1035459 3818156 5-71					21		13,52D	3.48	471						
1342198 IKAN IDEAL 8URKE DRAKE.....*		2	5	1-63	1D	2.2	11,828	3.39	401	D	28	-73	-.04	-8	-9
10-03-58 1013415 3819127 5-71					19		11,883	3.57	424						
1342223 LAKE 8ROOK RO8URKE ALVIN.....		3	23	1-54	27	3.D	11,170	3.45	385	**	31	-300	.0D	-11	-17
12-D8-58 1024453 3435168 5-71					12		11,960	3.49	417						
1342332 HALLCREST RO8URKE LASTMAN.....*		6	20	1-21	31	3.1	16,978	3.55	603	16	36	+48	-.04	-4	-2
04-21-58 1024453 2366534 5-71					14		17,169	3.68	631						
1342351 8 O I FO8PA8SOVE ALERT.....*		11	18	2-51,52	75	3.2	15,021	3.59	539	9	60	+161	+.03	+10	+12
10-04-58 934577 4090626 5-71					47		14,845	3.53	524						
1342362 ELMER 8RODK HOMESTEAO EM8LEM..		1	15	1-35	15	1.4	12,81D	3.55	455	**	22	+20	-.D1	0	+1
09-23-58 1088846 4279071 5-71					10		12,582	3.58	450						
1342413 OAVENPORT 8URKAYNE PILOT.....*	42-D8	11	9	2-32,42	36	2.6	13,247	3.73	494	31	53	-432	+.07	-6	-16
10-31-58 1189590 380224D 5-71					21		14,079	3.60	507						
1342424 8AIROLEA STANOARD REX.....*		12	12	2-14,21	33	2.5	12,030	3.77	453	9	46	-1,181	+.08	-32	-57
09-26-58 1256464 3286780 5-71					21		14,648	3.59	526						
1342591 RONNYBROOK PA8ST SQUARE.....*		2	35	1-21	50	4.2	13,574	3.59	487	4	39	-148	+.02	-2	-6
11-20-58 1216957 3635721 5-71					16		13,955	3.54	494						
1342614 REOFIELD CREATION 8ETTINA.....*		9	25	2-41,42	65	4.0	14,664	3.66	537	5	52	+161	-.01	+5	+8
11-28-58 1280D15 3569297 5-71					21		14,4D3	3.69	531						
1342656 ELM-8ECCA RAG APPLE LARRY.....*	72-01	23	12	6-22,23,	73	2.7	14,033	3.98	559	12	66	-506	+.12	-2	-15
01-30-59 1189870 3232614 5-71				34,51,52	15		14,903	3.82	570						
1342657 HILLTOP TRANSMITTER FALCON....*		2	67	2-12,16	71	2.9	15,611	3.49	545	3	32	+370	-.D3	+9	+17
08-17-58 1059819 3129196 5-71					21		14,517	3.58	519						
1342677 FOHON IOEAL 8URKE ELSIE WAYNE.*		38	7	6-13,21,	75	2.5	13,360	3.69	493	21	73	-848	+.07	-21	-39
10-14-58 1150470 4419504 5-71				32,41,47	20		14,588	3.61	526						
1342703 JA-SAL WHIRLWINO CAESAR.....*		8	7	2-48,84	21	4.2	14,311	3.72	533	0	47	-215	+.03	-4	-9
09-02-58 1195221 3818879 1-71					15		14,861	3.68	547						
1342755 FOROLEA INVINCI8LE DEEN.....*		2	40	1-21	42	3.3	16,114	3.93	633	5	31	+80	+.11	+18	+17
11-25-58 1295953 3213266 5-71					26		16,072	3.63	583						
1342825 MAYERS DUKE CORPORAL.....		1	63	1-35	63	2.7	12,399	3.67	455	4	30	-179	.00	-6	-10
07-02-58 1293580 3480319 5-71					7		12,907	3.70	477						
1342830 MAYERS DUKE SARGENT.....*		2	22	2-23,35	24	3.5	12,877	3.53	455	0	31	-208	+.01	-6	-10
10-01-58 129358D 3981611 5-71					11		13,514	3.51	474						
1342833 MAYERS DUKE SIR JAMES.....*		9	16	2-42,47	46	2.2	13,493	3.59	485	15	49	-411	-.02	-18	-26
11-13-58 1293580 4232334 5-71					18		14,386	3.66	526						
1343D44 8UDERWIN ORMS8Y NUOINE.....*		5	11	2-11,55	27	3.6	15,239	3.87	590	8	44	+231	+.05	+16	+19
09-D7-58 1244185 3274822 5-71					12		14,795	3.77	558						
1343126 OON AUGUR WIS IOEAL.....*	35-75	49	2	17-16,21,	65	1.7	15,828	3.55	562	8	78	+41	-.07	-8	-6
01-26-58 933122 3588899 5-71				23,31,35	20		15,978	3.64	582						
1343336 MONOCACY MEAOOWS REF RULER....*		1	44	1-51	44	3.2	11,755	3.46	4D7	D	3D	+17	-.02	-2	-1
11-12-58 1306035 3923528 5-71					16		11,448	3.55	406						
1343385 LINOSAY ACRES EMPEROR OYSTER..*		1	46	1-11	46	3.8	14,675	3.65	535	2	31	+263	.00	+10	+15
10-18-58 1140200 4326657 5-71					44		13,824	3.65	504						
1343525 WIS DYNAMIC COUNT.....*		2	24	2-35,74	35	2.8	13,667	3.79	518	8	36	+59	-.01	+1	+2
12-08-58 1192327 4D27771 5-71					44		13,453	3.84	517						
1343586 ROCKCREST PROFILE ERIC.....*		1	22	1-42	22	3.2	14,896	3.69	550	26	28	-15D	+.07	+4	-1
02-08-59 1169417 3858863 5-71					4		15,609	3.45	538						
1343644 SEQUOIA DUSTY VAR JO.....*		5	30	1-93	42	2.8	18,363	3.52	646	9	36	+291	-.D3	+6	+13
09-06-58 1289173 3952257 5-71					127		17,953	3.58	643						
1343665 KEYSTONE IDEAL MARATHON.....*	22-D3	153	4	7-13,21,	362	3.5	15,173	3.69	560	5	95	+634	.00	+23	+36
10-09-58 1013415 3409763 1-71				22,23,51	23		14,567	3.70	539						
1343742 ASHCOM8E NO8LE AUTOCRAT.....*		5	6	1-23	17	3.8	14,296	4.02	574	D	42	+1	+.13	+18	+15
12-13-58 1235894 3215373 5-71					24		14,333	3.73	535						
1343798 CEOARDALE CORPORAL.....	35-D5	372	6	15-13,21,	886	1.7	14,314	3.93	562	8	97	-245	+.25	+25	+14
1D-D3-58 1038118 3668847 5-71				35,41,42	17		14,638	3.69	54D						
1343810 JEWELHOLM SALLY CYCLONE JOE...*		8	28	4-12,14,	44	2.6	14,568	3.49	5D9	8	38	+350	-.07	+3	+12
11-26-58 1241487 3936096 5-71				16,52	32		13,605	3.69	502						
1343828 8ARTLY RE8RIGHT KING.....*		1	23	1-23	23	3.1	14,835	4.04	600	0	28	-71	+.D8	+8	+5
12-05-58 1159161 3733D52 5-71					6		15,220	3.80	579						

REGISTRATION NUM8ER / NAME / OF / 8ULL	STUD CODE	NUM8ER OF HEROS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... OAUS HM/OAU	REC/DAU HERDMATE	MILK	% FAT	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	% FAT	FAT $$
1343979 KAYTEE AOMIRAL PIETERTJE JOAT.*		10	5	2-42,74	28	3.1	13,225	3.55	470	15	55	-576	-.03	-25 -36
01-01-59 1257239 3417471 5-71					13		14,321	3.62	519					
1343995 KYLAND CRESCENT PREMIER.....*	91-11	30	3	8-15,21,	56	2.0	14,934	3.68	549	7	72	+328	+.04	+17 +23
11-10-58 1126392 4086149 5-71				35,42,48	15		14,536	3.63	527					
1344014 WAL-CO-FARM PROFILE.....*	35-04	23	1	5-21,35,	26	2.9	13,484	3.63	489	10	64	-157	+.03	-1 -5
09-23-58 1169417 2884743 5-71				42,57,73	13		13,707	3.58	491					
1344115 NURSERY VIEW KING AOMIRAL.....*		2	26	2-14,21	28	3.7	13,968	3.72	519	8	31	-127	-.01	-6 -8
10-24-58 1210078 4101720 5-71					9		14,432	3.78	546					
1344236 8URRILANE JUNIPER CHALLENGER..	93-05	10	3	5-82,86,	17	1.9	15,502	3.55	551	22	44	+47	-.01	0 +1
09-29-58 1195669 2999248 5-71				88,91,93	173		15,558	3.57	556					
1344372 MASTER PEARL ORMS8Y LAD.....*		7	17	1-35	29	2.7	15,697	3.67	576	**	36	-16	+.03	+3 +2
10-19-58 999669 3529600 5-71					12		15,945	3.61	575					
1344413 DUKE PRILLY PRIDE.....*		2	22	1-32	27	2.7	11,663	3.52	410	17	31	-126	-.05	-11 -12
03-19-56 865323 3158031 5-71					4		11,860	3.73	442					
1344418 HAREST PICA CREATOR JERRY.....*		2	9	1-32	16	3.4	10,912	3.66	399	**	36	-453	.00	-16 -25
11-11-57 1257371 3812669 5-71					4		11,964	3.68	440					
1344419 HAREST PICA PRINCE CREATOR....*		4	18	1-34	25	2.9	13,129	3.98	522	23	33	-314	+.12	+5 -4
08-09-58 1257371 3704701 5-71					10		14,113	3.59	507					
1344456 DELLFIELD LEADER.....*		2	31	1-93	33	3.1	17,596	3.26	573	**	30	+27	-.06	-7 -5
10-15-58 1150470 3965910 5-71					63		17,903	3.41	611					
1344464 WYLAMYNA LEADER LEROY.....		1	18	1-42	18	2.4	11,044	3.55	392	**	25	-435	+.02	-13 -22
07-20-58 1290204 3438258 1-71					5		12,627	3.48	439					
1344468 MONOCACY MEADOWS REF SOVEREIGN*		1	27	1-51	27	3.7	13,973	3.72	520	0	29	0	+.02	+3 +2
01-15-59 1306035 3044890 5-71					19		13,978	3.66	512					
1344642 SHAWS SCHOOLMASTER CREAMELLE..*		15	8	7-11,12,	40	2.2	18,034	3.62	653	22	55	+416	-.06	+7 +17
01-19-59 1181068 2752714 5-71				13,14,15	12		17,649	3.72	656					
1344645 SHAWS MASTER CROSS GOLDEN.....*		10	3	4-11,13,	20	2.8	16,755	3.71	621	0	51	+480	-.04	+12 +22
02-17-59 1025902 3459607 5-71				14,16	20		16,021	3.79	607					
1344787 8RAE8URN RASCAL.....*		3	15	2-21,23	23	3.8	15,148	3.55	538	5	36	-100	.00	-4 -6
02-04-59 1065220 3293545 5-71					59		15,596	3.58	558					
1344824 SHAWS O C T FERN.....*		3	7	2-14,31	10	2.3	12,453	3.63	452	33	26	-517	+.01	-17 -28
11-20-58 972500 3556986 5-71					6		14,499	3.62	525					
1344848 8O-CAR SEELEY WILMA WILLIAM...*		3	17	1-21	24	2.7	13,964	3.49	487	14	33	+313	-.03	+7 +14
10-15-58 831870 3973419 5-71					28		12,903	3.58	462					
1344950 SEGIS PA8ST TAURUS.....*		16	7	4-21,23,	36	3.1	15,648	3.62	567	4	57	+631	-.05	+15 +29
02-16-58 1024453 3649871 5-71				51,57	17		14,605	3.73	545					
1344999 FINEVIEW RO8URKE PRINCE.....*		3	52	1-21	58	3.6	14,307	3.54	507	0	33	+101	.00	+3 +5
08-23-58 1024453 2916319 5-71					18		14,009	3.55	497					
1345229 RELTU8 DESIGN WALKER.....*		4	43	1-86	49	2.3	15,697	3.43	538	4	31	-135	-.01	-6 -8
09-06-58 1260364 2869553 5-71					57		16,387	3.45	566					
1345230 OOLAW DESIGN WAYNE.....*		2	22	1-86	24	3.4	17,120	3.54	606	0	30	+285	+.03	+14 +19
11-28-58 1260364 3485277 5-71					60		16,415	3.44	565					
1345285 CHAM8RIC TIM.....		3	11	1-35	17	2.7	14,274	3.69	526	27	32	-222	+.04	-3 -8
09-18-58 1292016 3566611 5-71					10		15,091	3.60	543					
1345301 WAGSON ROYALIST MARIE MAN-TWIN*		5	11	1-23	19	2.8	13,583	3.78	514	**	35	-303	+.04	-6 -13
11-12-58 1009372 3895712 5-71					31		14,516	3.71	538					
1345354 SANDHURST TY VIC KING.....*	11-01	88	2	5-11,15,	116	2.8	14,478	3.80	550	16	87	+344	+.08	+24 +29
11-01-58 923749 2872710 5-71				33,55,73	18		14,099	3.72	525					
1345425 JOOY-MACK SEGIS TRANSMITTER...*		5	3	1-43	12	2.4	11,143	3.66	408	**	37	-686	+.01	-23 -37
09-18-58 1202850 4028136 5-71					14		12,885	3.63	468					
1345456 SUNNYTOWER RO8URKE CAPPER.....*		3	7	1-33	10	3.3	17,312	3.54	613	0	28	+766	.00	+27 +42
10-20-58 1024453 3916961 9-70					10		14,678	3.55	521					
1345461 IVA-NAN DICTATOR EDEN.....	61-02	110	3	4-32,34,	168	1.9	14,831	3.61	536	13	89	+565	+.01	+22 +33
08-04-58 1257390 2720442 5-71				42,57	17		14,223	3.60	512					
1345467 DEE ANN HENGERVELD CHIEF.....		1	26	1-86	26	2.5	12,858	3.56	458	0	28	-270	+.03	-6 -12
02-12-57 1329783 3696948 5-71					41		13,823	3.48	481					
1345698 8ROWNS REGAL MICKY-TWIN.....*		3	16	1-23	20	3.0	12,965	3.78	490	22	30	-260	-.06	-17 -21
11-12-58 1109864 3771235 1-71					18		13,831	4.01	555					
1345775 CLIFFVIEW THUNDERHEAD.....*		6	4	2-48,74	18	3.2	14,505	3.45	501	0	48	+64	-.02	-1 +1
10-19-58 921070 2967024 5-71					14		14,419	3.51	506					
1345785 DEAN SEGIS ORMS8Y ED.....*		8	2	1-21	10	2.8	13,283	3.63	482	40	37	-588	+.03	-17 -29
12-23-58 1163116 4204324 5-71					13		14,960	3.57	534					
1345877 PETZOLD COLANTHA MARK.....		1	12	1-21	12	4.6	16,835	3.44	579	0	26	+397	-.03	+10 +19
11-10-58 1288650 3988291 5-71					5		15,486	3.53	546					
1345972 KINGSTEAD DUKE KO8A MOOIE.....*		5	5	2-51,55	14	3.0	15,283	3.72	568	0	37	+169	+.04	+12 +14
09-18-58 1269558 3077801 5-71					26		14,929	3.62	540					
1345988 DENLAH ORMS8Y MASTER REX.....		1	46	1-55	46	2.9	14,160	3.73	528	3	30	-236	+.05	-1 -7
10-10-58 1012593 3632373 5-71					6		15,075	3.58	539					
1346121 TUM-A-LUM WOODY MISTERY.....*	31-02	168	7	24-16,23,	333	2.2	14,888	3.67	547	16	92	-86	+.02	0 -2
01-09-58 1263981 3999206 1-71				31,43,51	24		15,098	3.66	552					
1346469 ROEFLORA WILMA DUTCH.....*		3	25	1-22	29	3.9	15,046	4.05	610	0	32	+154	+.05	+13 +15
08-05-58 989939 3867033 5-71					10		14,642	3.95	578					
1346496 JONES ACRES DESIGN PRINCE.....*		1	13	1-43	13	2.5	9,724	3.74	364	**	25	-309	+.02	-9 -15
09-27-58 1307369 4002109 5-71					26		10,644	3.69	393					
1346563 REGALAND FO8ES CLYDE.....*		2	28	1-21	32	3.8	12,988	3.57	464	18	32	-291	+.02	-8 -14
12-15-58 1094074 4097210 5-71					10		13,904	3.52	490					
1346580 NAPSTAHOS ENSIGN ROYAL FAYNE..*		4	10	1-93	24	1.6	14,661	3.70	542	36	37	-436	+.06	-8 -18
11-26-58 1054352 4048920 5-71					81		16,053	3.57	573					
1346792 ARLINDA FORTY-NINER 8URKE.....*		1	35	1-86	35	2.4	15,594	2.86	446	4	28	+376	-.09	+1 +11
12-24-58 1283917 4022405 5-71					33		14,286	3.04	435					
1346850 ORISWOOD ZEUS BURKE TRIUNE....*	51-02	339	8	11-23,31,	1,137	1.6	14,650	3.61	529	9	97	+412	-.06	+6 +16
10-06-58 1024856 3677394 9-70				51,52,54	23		14,257	3.68	525					
1346859 GEO8ETH OLIVER OSCAR.....	21-01	131	1	4-13,14,	141	2.8	14,114	3.46	489	11	91	-497	-.10	-31 -39
11-03-58 1102436 3651027 5-71				16,21	20		14,745	3.57	527					

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1346863 WILLARDS PRIMO CYCLONE.....		4	22	3-33,35,	29	2.2	13,909	3.30	459		32	31	-52	-.07	-11	-10
10-01-58 1305613 3643847 5-71				74	35		14,093	3.53	497							
1346908 GLENAFTON SENTINEL SIGNET.....*		28	13	5-13,14,	65	2.7	15,270	3.53	539		12	61	+96	-.12	-13	-8
05-28-56 010249530 011132001 5-71				16,21,47	21		15,243	3.73	568							
1347016 ST CROIXCO IDEAL BOY.....*		5	7	2-35,41	13	3.8	17,269	3.67	633		22	33	+468	-.03	+13	+23
11-30-58 1013415 2800958 5-71					20		16,081	3.76	605							
1347052 PHILLIPS NEPTUNE LEADER ACE...		2	18	1-41	20	3.9	15,074	3.78	570		19	29	+261	.00	+9	+14
01-23-59 1150470 4334904 5-71					3		14,213	3.81	542							
1347065 PAWNEE FARM REFLECTION SUPREME	35-21	1,060	7	24-35,41,	3,169	1.9	14,529	3.57	519		15	99	+258	-.09	-3	+4
10-28-58 1322381 3922839 5-71				42,43,47	18		14,304	3.67	525							
1347068 ROMAL QUALITY LEADER.....		1	20	1-21	20	3.2	11,759	3.44	404		**	27	-104	-.01	-5	-7
10-28-58 1270993 3763988 5-71					12		11,946	3.50	418							
1347112 HAYSSEN FOND MARMADUKE.....	35-21	340	4	8-35,41,	654	1.4	14,551	3.67	534		13	96	+160	+.04	+12	+14
01-31-59 1250992 4055581 5-71				42,47,93	27		14,433	3.62	523							
1347161 NAKOTA PRESTO PATRICK.....		1	28	1-45	28	2.5	13,192	3.61	476		**	28	-354	+.06	-5	-13
08-20-58 1167510 4058103 5-71					24		14,543	3.43	499							
1347169 M A A DEAN INKA.....*		1	20	1-92	20	2.2	14,116	3.67	518		17	25	-265	+.01	-8	-14
12-01-58 1237401 3946071 5-71					29		15,313	3.66	561							
1347386 HAR-MAR ROYAL IDEAL.....*		9	1	1-21	10	2.8	13,846	3.53	489		17	39	-106	-.03	-8	-9
11-18-58 933122 3826060 9-70					14		14,141	3.62	512							
1347438 RA-NAN SEGIS REFLECTOR.....*		9	9	1-23	24	2.6	13,181	3.57	470		0	44	-137	-.02	-8	-10
11-05-58 1298430 2878548 5-71					11		13,446	3.64	490							
1347448 VERPANA FARM REGENT MARK.....*	91-11	147	4	21-23,35,	244	1.4	14,269	3.72	531		11	90	-149	+.07	+4	-1
11-18-58 1250772 3192525 5-71				41,42,93	20		14,490	3.65	529							
1347521 COLSTAH PE8LE NAT.....*		2	10	1-84	12	1.6	11,710	3.61	423		**	23	-226	+.02	-5	-10
10-25-58 1054628 3092910 5-71					88		12,539	3.54	444							
1347536 ROSES DAN-DEE S H PAUL.....*		4	4	1-23	10	4.5	14,833	3.36	498		0	35	+379	-.04	+8	+16
01-29-59 1087974 3624656 5-71					43		13,734	3.43	471							
1347623 CARNATION MAOCAP CROWN PRINCE.*	61-01	72	2	3-54,61,	114	2.7	11,929	3.56	425		19	87	-1,279	+.03	-42	-68
12-23-58 1152252 2806672 5-71				65	17		13,348	3.54	472							
1347627 SPRUCEGATE AM8ASSADOR OZZIE...	21-01	99	1	2-13,21	101	2.6	13,908	3.63	505		22	87	-713	+.06	-18	-33
01-16-59 1102436 2992503 5-71					19		14,816	3.57	529							
1347778 KRACHT 8LACK BOY.....		1	18	1-42	18	3.1	13,973	3.73	521		**	27	-5	+.01	+1	+1
12-12-56 J182598 3334541 9-70					5		14,001	3.69	517							
1347813 LAVACRES OUSTY JO SAXON.....		4	11	1-93	21	1.3	15,478	3.70	572		**	31	+28	+.01	+3	+3
11-18-58 1117035 3612899 1-71					29		15,547	3.65	567							
1347822 LAVACRES 8E LARGO.....		6	19	2-86,93	30	2.8	14,147	3.39	480		24	35	-250	+.01	-7	-12
01-25-59 1294816 3735425 5-71					42		14,967	3.35	502							
1347826 LAVACRES PRAIRIE SAILOR.....*		2	91	1-91	95	2.4	14,651	3.55	520		15	30	+107	-.03	0	+3
11-21-58 1291499 4214013 5-71					51		14,339	3.63	521							
1347918 MEL-ETTA LEADER LUCIFER OEACON	22-03	57	2	2-21,22	74	3.5	14,116	3.69	521		6	83	+30	+.02	+4	+4
02-09-58 769170 4497051 5-71					28		14,095	3.68	518							
1347938 WHIRLHILL ROMEO.....*		2	26	1-43	28	2.1	14,410	3.78	545		23	28	-68	+.01	-1	-3
02-15-59 1232399 3806125 5-71					46		14,737	3.78	557							
1347940 WHIRLHILL KINGPIN.....*	23-13	2,038	11	32-21,22,	10,424	1.6	16,027	3.66	587		9	99	+1,336	-.02	+45	+72
02-13-59 1104074 4227925 5-71				23,51,54	19		14,768	3.70	546							
1348006 NAMDOR CLEARVIEW ROYAL ANGEL..*		7	2	1-21	13	3.6	14,567	3.37	491		**	45	+498	-.05	+11	+22
09-23-58 1112211 4023873 5-71					23		13,398	3.46	463							
1348259 AIRYTOP SIR SEELEY PA8ST ORLO.*	21-10	2,106	6	14-13,14,	6,578	1.7	16,332	3.57	583		11	99	+851	+.01	+32	+49
10-13-58 1102436 3304894 5-71				16,21,23	23		15,648	3.55	556							
1348275 MAROY MODEL ORMS8Y DUKE.....*		18	6	4-16,21,	47	2.7	14,721	3.48	512		21	65	-383	-.13	-32	-36
10-18-58 1216668 2800130 5-71				51,93	22		15,464	3.68	569							
1348281 PINEYHILL MAXIMILIAN.....*	23-13	396	6	5-21,22,	946	2.4	14,267	3.87	552		11	97	-296	+.17	+13	+3
09-11-58 1295523 3982675 1-71				23,55,93	23		14,642	3.71	543							
1348283 PINEYHILL PRINCE CHARMING.....*		7	38	5-23,31,	49	2.9	14,829	3.88	575		11	35	-61	+.08	+9	+6
03-03-58 1007680 2747792 5-71				32,55,93	22		15,124	3.67	555							
1348380 ZIMMERMAN PILOT PANSTAR MAC...*		3	46	1-50	50	3.4	13,693	3.71	508		4	32	+52	-.01	+1	+2
09-29-58 1261857 3424562 5-71					15		13,486	3.74	504							
1348442 VALLA VISTA RAMONA MORRIS.....*		9	21	4-35,47,	37	1.4	14,440	4.06	586		3	35	-462	+.11	-2	-14
01-03-59 1268290 3866465 5-71				52,84	14		15,986	3.78	604							
1348548 GANGWERS SPARK RHO-OAN.....*		7	11	2-12,13	25	3.0	14,156	3.87	548		5	41	-159	+.07	+4	-1
12-04-58 1158569 3440612 5-71					22		14,610	3.72	543							
1348678 OUNHAVEN ROYAL.....*		1	10	1-35	10	2.5	14,405	3.69	532		20	22	-101	.00	-4	-6
12-20-58 1243459 2442779 5-71					11		14,969	3.75	561							
1348814 RINCON PEERLESS PRIOE.....*		5	35	1-93	44	2.5	17,600	3.48	613		0	34	-76	+.02	0	-2
01-28-59 1150469 3976743 9-70					54		18,261	3.45	630							
1349013 NACHES MADCAP VALIANT.....*		6	32	2-82,87	41	3.3	13,443	3.84	516		9	35	-210	+.05	-1	-6
08-31-58 1249795 3612802 5-71					19		14,065	3.72	523							
1349030 WEY8RO GOLOEN OAUNTLESS 8ARON.*		11	16	2-11,16	58	3.0	14,676	3.62	532		11	56	-294	.00	-11	-17
11-22-58 1240700 3102302 5-71					43		15,349	3.65	560							
1349092 FREE8AER 8ARON 8ERNIE.....		1	26	1-21	26	3.2	15,405	3.57	550		**	29	+112	+.01	+6	+8
01-12-59 1096038 3885139 5-71					14		15,138	3.52	533							
1349101 KNOTTY OAK COUNT-TWIN.....*		6	10	2-13,14	23	3.5	16,153	3.56	575		5	42	+691	-.03	+21	+35
11-19-58 1326364 3783939 5-71					23		14,589	3.61	527							
1349319 8AYFIELD DUN TY NICHOLAS.....*	21-10	351	5	8-12,13,	691	2.0	15,101	3.62	547		10	96	+422	-.05	+8	+18
12-21-58 1148087 4108414 1-71				14,16,21	20		14,743	3.68	543							
1349348 E8ONITE IOEAL RAVEN JAY-TWIN..*		16	2	3-23,51,	23	2.8	13,597	3.57	486		7	60	-175	-.09	-19	-20
12-20-58 1113350 3563349 5-71				54	16		13,887	3.76	522							
1349409 EHREDT PANSY TOVARICH ORMS8Y..*	35-04	26	8	6-23,32,	63	1.7	15,030	3.59	539		18	66	-92	-.04	-9	-10
11-21-58 1040535 2851884 5-71				35,41,52	14		15,308	3.66	560							
1349427 ROLLINGWOOD SENSATION 8URKE...		1	58	1-52	58	3.1	12,594	3.69	465		17	30	+187	-.01	+6	+10
09-29-57 1175467 3737850 5-71					12		11,755	3.72	437							
1349487 MAJOR LOCHINVAR COMMANOO.....*		1	40	1-34	40	3.3	17,805	3.39	604		10	29	+218	+.01	+9	+13
05-11-57 010243594 010633556 5-71					7		17,408	3.34	582							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	%	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1349493 HAYSSEN FOND CAVALIER.....*		3	11	2-35,42	21	1.7	14,225	3.41	485		0	34	+56	-.04	-3	-1
02-21-59 1250992 3524940 5-71					11		14,072	3.53	497							
1349520 RAVENGLEN TRIUNE CAVALIER.....*		27	6	7-11,13,	68	2.4	16,163	3.35	541		9	72	+704	-.21	-6	+13
01-24-59 1297169 3534305 5-71				21,35,42	16		15,327	3.63	556							
1349626 BESSIE 8 F ROCKY BILL.....		3	7	1-35	10	3.0	14,668	3.45	506		0	27	+115	-.03	0	+3
09-15-58 1280011 3753956 5-71					14		14,279	3.58	511							
1349678 CARNATION ROYAL PROMISE.....	35-21	427	4	10-35,41,	864	1.6	14,014	3.58	502		16	97	-142	-.07	-15	-16
02-01-59 1305460 4291800 5-71				42,43,47	15		14,185	3.67	520							
1349680 CARNATION ROYAL TOPMAN.....	91-11	152	13	20-42,48,	350	1.6	14,081	3.64	513		18	88	-453	+.03	-12	-22
02-06-59 1305460 3406285 5-71				74,91,93	21		14,672	3.61	530							
1349685 CARNATION ROYAL NOMINEE.....*		7	12	2-91,92	85	2.8	15,810	3.56	563		11	48	-401	+.01	-13	-21
04-05-59 1305460 3994139 5-71					22		16,949	3.55	601							
1349691 GRAY VIEW SKYHIGH.....*	31-02	141	69	14-31,43,	492	1.7	14,134	3.52	497		14	73	-527	-.07	-29	-38
05-06-58 1244845 3882120 1-71				56,57,93	77		14,964	3.62	542							
1349738 OON AUGUR DUNLOGGIN GOVERNOR..		8	26	1-16	88	1.9	13,991	3.63	508		4	54	-178	+.01	-5	-9
03-05-57 1035230 3718813 5-71					40		14,368	3.63	522							
1349742 DIBBLE ADMIRAL FOBES CRUSADER.*		12	7	4-33,35,	31	3.1	13,237	3.63	481		8	54	-460	-.03	-20	-29
02-18-59 1256987 3941882 5-71				42,73	13		14,100	3.70	522							
1349786 B O I RULCOMAUTE CHUB.....*		33	1	10-21,22,	35	1.7	14,053	3.49	491		**	67	-134	-.07	-14	-15
10-22-58 964278 4115907 5-71				23,33,51	35		14,288	3.60	515							
1349799 PAULSEN VIEW HOLCOMBE LEADER..		4	44	2-22,35	55	2.8	10,368	3.40	352		8	34	-524	.00	-19	-29
10-22-58 1087246 3556312 5-71					8		11,695	3.43	401							
1349859 JELTON REFLECTOR COMMANDER....		3	16	1-93	33	2.2	16,212	4.01	650		9	39	-324	+.10	+2	-7
11-10-58 1298430 4034895 5-71					53		17,398	3.81	662							
1350095 MARSHFIELD WINTERTHUR HAMTER..*		6	7	3-50,52,	15	3.0	15,219	3.71	564		11	36	-103	+.03	+1	-2
10-31-58 1265278 3854631 9-70				55	31		15,684	3.63	569							
1350102 MAROY REGATTA REGAL BELLE BOY.*		2	11	1-21	13	3.2	14,755	3.52	519		**	27	+180	-.03	+2	+6
08-22-58 1259069 3660711 5-71					15		14,111	3.63	512							
1350115 TIMBERRIDGE OZZIE.....		1	29	1-52	29	2.8	13,311	3.44	458		4	29	-137	-.01	-7	-9
01-08-59 1292705 3112511 5-71					8		13,772	3.52	485							
1350137 DAVENPORT RAG APPLE PILOT.....*	42-08	7	21	1-42	38	2.2	15,646	3.47	543		12	38	-5	-.01	-1	-1
01-16-59 1189590 4116811 5-71					31		15,852	3.49	554							
1350142 FROMAGE COLONEL JEFFERSON.....*		4	12	1-61	24	3.0	14,851	3.52	523		14	39	+259	-.01	+8	+13
01-25-59 1253141 4334803 5-71					11		14,219	3.54	503							
1350190 GLENAFTON RAG APPLE DESIGN LAD	33-03	1,223	4	43-21,23,	2,198	2.0	14,904	3.51	523		10	99	+599	-.11	+5	+20
06-20-58 010239301 010672857 1-71				35,41,93	20		14,338	3.63	520							
1350414 HEERSCHE REFLECTOR COUNT.....*	35-75	757	5	44-21,23,	1,363	1.3	14,382	3.62	520		15	98	-339	-.02	-15	-21
03-06-59 1298430 3555057 1-71				48,55,57	25		14,817	3.64	540							
1350460 LAVACRES DUSTY ARMOR.....		7	16	1-93	34	1.6	16,164	3.50	565		24	38	-173	+.02	-3	-7
05-09-59 1205185 3208918 5-71					84		16,920	3.45	584							
1350474 GLENAFTON DUNDEE.....*		7	16	2-23,31	50	3.8	14,629	3.44	503		4	54	+412	-.02	+12	+21
11-24-57 010249530 011050612 5-71					32		13,864	3.45	478							
1350484 CHAR-LENE FARM IVANHOE.....*		4	19	1-51	39	2.9	12,944	3.98	515		5	42	-283	+.07	-1	-8
03-29-59 1189870 3722663 5-71					22		13,582	3.84	522							
1350613 DUKE PROUD WAYNE WOODSIDE.....*		7	11	1-21	31	2.6	16,060	3.71	596		**	45	-355	+.09	-1	-10
11-11-58 1112211 3329918 5-71					16		17,167	3.56	611							
1350698 MAYERS DUKE DALE.....*		4	32	1-34	41	2.6	13,255	3.80	504		18	33	+108	+.06	+12	+13
03-22-59 1293580 3653611 5-71					75		12,818	3.62	464							
1350699 MAYERS DUKE PRINCE PEARL.....*		28	10	11-22,23,	61	2.7	12,080	3.63	439		14	64	-1,082	.00	-39	-60
03-27-59 1293580 3803499 5-71				35,45,64	15		13,751	3.65	502							
1350700 MAYERS MAJESTY REFLECTOR.....*		17	1	8-13,21,	18	2.1	13,857	3.60	499		**	53	-330	.00	-12	-19
03-28-59 1298430 3309700 9-70				22,23,86	33		14,545	3.61	525							
1350729 SUNSET JOH ZODIAC.....		2	13	1-16	15	3.6	12,802	3.87	495		7	28	-219	+.04	-3	-8
07-13-58 1270519 3876681 5-71					11		13,548	3.76	509							
1350767 LOCHINVAR HIGH POINT MONTY....	35-05	45	1	6-21,22,	54	3.3	15,676	3.47	544		10	78	+1,354	-.12	+31	+61
06-23-53 010143943 010451690 5-71				23,35,41	15		13,950	3.62	505							
1350788 BARTELS TREASURE BERT.....*		3	17	2-41,46	21	3.1	15,009	3.45	518		7	31	+1	-.01	-2	-2
04-19-58 1151274 3811440 5-71					12		15,124	3.50	530							
1350848 HIGH MEADOW FARM SIR GALLAHAD.	21-10	176	1	7-11,13,	199	2.1	15,812	3.44	544		11	92	+629	-.14	+2	+18
10-22-58 929962 4290431 5-71				16,21,23	22		15,262	3.58	546							
1351069 FOBES HARDEN FARMS MARTIN.....		2	19	1-54	23	2.5	14,010	3.44	482		19	30	+10	+.02	+3	+3
12-21-58 1286216 3992874 5-71					22		13,979	3.36	470							
1351089 CRICKET HILL CHRISTOPHER.....*		3	39	1-21	43	3.5	14,884	3.67	546		3	32	-16	+.09	+12	+10
03-12-59 1285952 3628576 5-71					25		15,048	3.38	509							
1351102 MASSIVE HILLS WIS BURKE.....*		2	8	1-63	16	3.5	13,177	3.75	494		0	37	-396	+.08	-4	-14
12-18-58 1013415 3633769 5-71					37		14,287	3.55	507							
1351111 WIS TRADEWIND.....*		44	1	9-13,16,	47	1.3	14,058	3.41	480		**	71	-210	-.12	-24	-25
01-30-59 1189593 3650670 5-71				21,22,23	31		14,399	3.59	517							
1351113 WIS MEMORY CHIEF.....*		5	40	5-33,34,	68	2.7	14,019	3.89	545		16	40	+9	+.03	+4	+4
02-08-59 1283536 3977251 5-71				35,57,74	37		14,002	3.84	538							
1351126 SOVEREIGN LYNN SEARS.....		1	21	1-21	21	3.0	18,024	3.47	626		0	27	+505	-.03	+14	+25
07-24-58 1085978 3497717 5-71					14		16,421	3.55	583							
1351138 DONGROSS ROBURKE PRINCE.....*		12	6	2-35,51	40	3.1	13,968	3.55	496		8	62	-50	-.06	-10	-10
11-15-58 1024453 4013354 5-71					19		14,061	3.66	514							
1351223 WIS MARK DYNAMO.....*		3	11	2-35,42	20	2.7	11,614	3.44	400		18	36	-126	.00	-4	-7
08-02-58 1192327 4218027 5-71					25		11,748	3.43	403							
1351258 COMMONWEALTH CSH BOMBER DANNY.		1	66	1-61	66	2.3	15,193	3.57	542		13	29	+105	-.03	0	+3
12-02-57 1159910 3730232 5-71					43		14,928	3.65	545							
1351271 LIME HOLLOW OEAN ARISTOCRAT...*	21-01	148	1	3-13,21,	164	3.2	14,920	3.51	524		9	92	+106	-.06	-4	-1
02-14-59 1124780 3918867 5-71				23	23		14,901	3.57	532							
1351573 B O I RULEBUG ANTONE.....*		2	43	1-51	45	2.6	13,014	3.47	451		15	30	-239	-.04	-14	-18
12-04-58 964278 3219382 5-71					13		13,810	3.63	501							
1351659 BUOD FARM ROYAL FLUSH.....*		18	2	3-23,51,	24	2.7	13,058	3.72	486		20	60	-777	+.03	-24	-40
01-01-59 1306065 3414102 5-71				54	16		14,402	3.69	531							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES AND WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1351661 BUDD FARM ROYAL MASTER.....*		2	113	1-34	115	2.3	12,054	3.93	474	21	30	-684	+.10	-12	-28
02-20-59 1306065 3755361 5-71					10		14,389	3.61	519						
1351709 GYPSIE DISTINCTION.....*		8	22	1-41	36	2.8	15,158	3.64	551	8	38	+27	+.02	+4	+4
09-28-58 1291724 3152203 5-71					7		15,215	3.59	546						
1351913 HOOSIER M MISTER-TWIN.....		1	29	1-32	29	2.9	18,010	3.38	608	5	29	+942	-.09	+20	+41
07-01-58 975148 3446913 5-71					4		14,790	3.66	541						
1351934 SUNNYSIDE ROBURKE RAG APPLE...*		2	9	1-35	18	3.1	15,363	3.65	561	11	35	+323	+.03	+16	+22
01-28-59 1024453 3780372 5-71					17		14,507	3.56	516						
1351977 EMPERDR ORMSBY JOHAN.....		3	6	2-34,93	13	2.9	15,540	3.48	541	13	34	+50	+.01	+3	+4
02-26-58 1048342 3190264 5-71					67		15,555	3.45	536						
1352142 WALLIE TWIN BRDDK KAY.....*		8	13	4-13,14,	26	3.4	13,051	3.82	498	0	42	-167	+.12	+10	+4
12-19-58 1279223 3976379 5-71				16,35	31		13,400	3.51	470						
1352182 HOWARD FARM ROBURKE REPEAT....	33-03	92	2	25-21,23,	117	2.3	13,329	3.53	470	18	87	-427	-.07	-25	-32
04-25-59 1024453 3138393 5-71				33,41,52	21		13,806	3.61	499						
1352184 WINFARM MODEL SELECT.....*		11	16	3-12,16,	62	3.0	13,594	3.75	510	14	57	-353	+.01	-11	-18
10-10-57 1154156 2761185 5-71				21	16		14,248	3.75	534						
1352251 GLENGALE ANTHONY BARDN W.....*		2	72	1-73	74	2.7	13,275	3.60	478	9	31	-549	+.05	-13	-25
10-02-58 010254609 010713525 5-71					17		15,166	3.46	525						
1352270 GLADELL BUTTER BOY ROYAL.....*		1	26	1-23	26	3.9	14,713	3.88	571	4	29	+65	.00	+3	+4
01-10-59 1152252 3490233 5-71					8		14,551	3.90	568						
1352290 U T LUCIFER PRINCE.....*		6	6	3-61,63,	21	3.0	15,111	3.41	515	6	46	+616	-.08	+10	+24
11-28-58 1291269 4159752 5-71				72	29		13,741	3.57	491						
1352305 HAMPS LAUXMONT ARAB.....*		11	8	3-57,61,	35	2.6	13,686	3.72	509	8	53	+261	+.06	+18	+22
08-06-58 1253085 3523269 5-71				64	37		13,114	3.61	473						
1352432 TALDGA NIG OIXIE.....*		3	11	2-43,73	16	3.4	13,505	3.50	472	0	32	-109	+.01	-3	-5
03-13-59 1270984 3913918 5-71					12		13,835	3.48	482						
1352501 SUEDALE TOPSY OTTD.....*	21-01	167	1	4-13,21,	188	3.0	14,008	3.61	506	17	93	-610	+.05	-16	-29
11-18-58 1102436 3676432 5-71				23,58	19		14,748	3.57	527						
1352540 CAL-CLARK COUNT ROMED.....		1	11	1-93	11	1.0	17,965	3.63	652	**	18	-117	+.02	-1	-4
02-27-59 1102213 4313630 5-71					52		19,135	3.55	680						
1352583 SWEET HAVEN MAGISTRATE PLATO..		1	17	1-93	17	2.4	15,672	3.70	580	**	24	-198	+.04	-2	-7
10-25-58 1126307 3756095 1-71					64		16,779	3.58	601						
1352610 GALLIPOLIS PANSY VON.....*		8	68	1-31	105	2.2	12,951	3.37	436	19	38	+15	.00	0	0
11-27-58 1094305 3381629 5-71					41		12,798	3.38	432						
1352707 CARNATION ROYAL COUNT.....*	35-05	187	5	9-33,35,	368	2.0	13,881	3.53	490	16	94	-340	-.10	-26	-30
05-03-59 1305460 3700610 1-71				41,42,48	17		14,279	3.65	521						
1352718 RUSTIC RAMSAY CAREY F.....		1	29	1-34	29	2.8	12,983	3.71	482	**	29	+53	+.02	+5	+6
11-06-58 1280552 4336191 5-71					5		12,669	3.65	462						
1352749 GRAY VIEW C BORD.....*		18	16	4-33,35,	44	3.0	14,442	3.56	514	0	49	+166	-.04	0	+4
02-03-59 1304384 4259601 5-71				41,42	10		14,121	3.66	517						
1352751 GRAY VIEW REFLECTOR PANSY.....*	35-21	124	6	8-21,23,	203	1.5	14,467	3.68	532	17	87	-460	+.03	-12	-22
03-21-59 1298430 4216791 5-71				34,35,41	17		15,115	3.65	552						
1352804 MAPLE PASS BURKE PEARL KING...		1	35	1-43	35	2.6	15,062	3.61	543	**	29	+210	+.01	+9	+13
12-11-58 1077788 3420115 5-71					8		14,369	3.56	512						
1352853 SELUHM VALE TRIUNE.....*		17	3	2-43,48	39	2.0	12,367	3.55	439	36	64	-1,196	+.01	-42	-66
08-02-58 1258008 4081479 5-71					11		14,273	3.55	506						
1352896 JOHANNA FIFI TRIUNE CHIP.....*		3	7	1-43	15	1.6	13,739	3.49	480	25	32	-117	-.01	-5	-7
09-29-58 1239414 4264975 5-71					16		14,120	3.53	499						
1352927 VALLA VISTA NETHERLAND CAREY..	48-01	172	4	5-35,48,	373	1.7	14,716	3.51	517	14	94	+485	-.06	+9	+20
02-26-59 1106455 4425760 1-71				71,73,74	20		14,228	3.57	508						
1352928 VALLA VISTA FLICKA SIR PIET...		3	52	3-33,47,	56	2.7	13,668	3.37	460	18	31	+49	-.03	-3	-1
03-14-59 1275763 3079023 5-71				48	15		13,460	3.48	468						
1352953 KEYSTONE IDEAL PIONEER.....*	61-02	891	11	23-31,33,	2,728	1.5	14,884	3.66	545	12	99	+54	+.04	+7	+7
12-31-58 1013415 3473274 5-71				55,61,74	28		14,928	3.63	542						
1352966 SKOKIE WHITE MAGIC.....*		2	8	2-33,35	10	2.5	15,673	3.98	624	**	25	+249	+.04	+14	+18
11-10-58 1298378 3130668 1-71					46		14,761	3.90	575						
1352967 SKOKIE MISTER DESIGN.....	33-03	351	2	34-21,23,	473	2.1	13,683	3.66	501	14	97	-537	+.05	-12	-24
12-02-58 1298378 2760877 9-70				32,35,41	18		14,273	3.62	516						
1352968 SKOKIE BLACK MAGIC.....*	33-03	551	3	40-21,23,	945	1.3	14,187	3.76	534	15	98	-494	+.13	0	-13
01-30-59 1298378 3425213 1-71				33,35,41	25		14,778	3.64	538						
1352969 SKOKIE DESIGN JERRY.....*		9	23	2-21,23	68	2.4	15,725	3.50	551	21	51	+349	-.03	+9	+17
02-08-59 1298378 4364736 5-71					33		15,159	3.54	536						
1352970 SKOKIE BENEDICTION DESIGN.....*		11	2	5-13,14,	15	2.3	13,583	3.82	519	20	47	-439	+.11	-1	-12
02-09-59 1298378 3637511 5-71				21,22,47	26		14,590	3.61	526						
1352979 SKOKIE NED BOY.....	61-02	413	6	17-31,33,	1,052	1.9	14,742	3.50	516	9	97	+702	-.13	+7	+24
04-02-59 1282185 3235818 5-71				61,74,84	31		14,030	3.64	510						
1352991 CASH-MAR REFLECTION TRIUNE....*		22	10	11-16,21,	65	2.9	15,792	3.42	540	11	66	+1,405	-.12	+32	+63
11-07-58 1306035 4090202 5-71				32,63,73	17		13,635	3.59	490						
1353009 LIME HOLLOW SEGIS ARISTOCRAT..*		12	13	4-21,22,	45	3.4	15,979	3.58	572	3	53	+689	-.05	+17	+32
11-22-58 1124780 4486188 5-71				23,51	27		14,768	3.69	545						
1353085 UTAG DIPLOMAT CHERRIE MASTER..		3	28	1-93	34	1.1	17,553	3.20	561	**	26	+42	-.05	-5	-3
01-06-59 1275145 4342646 5-71					119		17,775	3.34	593						
1353088 UTAG SKYLARK CORINNE COUNT....		2	47	1-87	54	2.6	14,649	3.25	476	**	32	+98	-.03	-1	+2
12-23-58 1239242 3844105 5-71					33		14,387	3.34	481						
1353255 KINGSTEAD PABST LINDY.....*		12	29	3-52,54,	61	2.6	14,959	3.90	584	12	45	+227	+.09	+21	+23
02-26-59 1232296 4085606 5-71				55	27		14,507	3.74	542						
1353261 SKOKIE DUKE DANBORO.....	23-11	94	3	4-21,22,	171	2.5	13,194	3.66	483	15	89	-973	-.01	-36	-55
09-10-58 1288610 3913641 5-71				23,42	32		14,321	3.68	527						
1353294 M V B A PRESTO MAID BRUCE.....	41-01	534	3	8-35,41,	987	1.7	14,014	3.57	500	12	98	-266	-.01	-11	-16
05-12-58 1167510 2958623 5-71				42,45,46	13		14,325	3.58	513						
1353380 WAUPUN ORMSBY MASTER.....*		1	39	1-35	39	3.6	11,632	3.45	401	0	31	-374	-.03	-18	-25
09-05-58 1221439 2651754 5-71					24		12,729	3.61	460						
1353384 KANAWAKA TRIUNE DELUXE PRIDE..*		1	33	1-48	33	3.2	13,369	3.33	445	0	30	+98	-.06	-5	-2
10-23-58 1325352 4497276 5-71					30		12,942	3.55	459						

REGISTRATION NUMBER NAME OF BULL	STUO CODE	NUMBER OF HEROS	EFF OAU /HD	STATES NO- WITH MOST OAUS	... DAUGHTERS AND HERDMATES ... OAUS HM/OAU	REC/OAU HEROMATE	MILK	%	FAT	%	1ST REPT INC	%	PREDICTED DIFFERENCES MILK	%	FAT	$$
1353401 RAY-MAE MUTUAL.....*		5	3	1-31	12	2.5	15,124	3.51	531		0	40	+221	-.03	+4	+9
11-17-58 1087974 3367819 5-71					12		14,639	3.57	523							
1353426 COTTONWOOD HARMONY.....*		5	9	1-93	17	2.5	15,507	3.77	584		9	34	-273	+.08	+1	-6
10-31-58 1178318 4041651 5-71					36		16,565	3.57	591							
1353445 CHIMACUM SUPERIOR ELVIS.....*		3	6	1-91	14	2.7	15,084	3.43	517		0	35	+164	-.05	-1	+3
02-18-57 1294765 3271513 5-71					5		14,697	3.58	526							
1353468 PRIDELL DICTATOR CREATOR JOE..*		1	11	1-32	11	4.0	10,643	4.17	444		0	26	-142	+.04	+1	-3
02-07-59 1277832 4249664 5-71					9		10,889	3.97	432							
1353478 CATHERINE GOVERNOR ACE.....*		8	18	3-35,73,	32	2.4	14,501	3.42	496		18	37	+108	-.06	-4	-1
01-06-59 1207002 3715902 5-71				84	12		14,237	3.59	511							
1353604 RENOWN OUCHESS CHIEF.....		2	54	1-32	56	3.3	14,921	3.81	569		6	32	+203	+.05	+14	+17
02-23-59 1285676 4146307 5-71					6		14,315	3.68	527							
1353622 DANBORO HURLWOOD GREAT.....*		2	36	2-87,93	38	2.2	13,189	3.72	491		27	28	-422	+.04	-10	-19
01-04-59 1242799 3508970 5-71					9		14,765	3.62	534							
1353687 BROOK LANE ADMIRAL.....*		17	10	8-16,31,	56	2.1	13,278	3.39	450		33	61	-680	-.12	-41	-52
03-28-59 1295797 4400325 5-71				32,35,86	27		14,450	3.61	521							
1353772 SHIVERS REGAL ADA BURKE.....*		2	23	1-74	25	3.5	10,201	3.26	333		5	30	-102	-.01	-5	-7
11-01-57 901195 3253130 5-71					22		10,163	3.30	335							
1353817 CHARLIE-HILL IDEAL WEE LUKE...*		2	12	1-21	22	2.3	15,850	3.34	529		9	35	+255	+.04	+15	+19
03-16-59 933122 4143396 5-71					12		15,249	3.17	483							
1353834 TI-CREEK IMPERIAL DEAN.....*		3	24	1-21	41	3.8	14,097	3.42	482		6	42	+113	-.06	-5	-1
02-24-59 956081 3621480 5-71					14		13,812	3.59	496							
1353892 MOWRY CYCLONE ARTIS.....		1	28	1-23	28	2.1	15,110	3.73	564		12	26	+118	-.01	+3	+6
12-15-58 1270218 3314356 5-71					3		14,736	3.80	560							
1353918 YOKOHL OVATION.....		1	13	1-93	13	1.0	10,588	3.73	395		**	19	-195	+.01	-6	-10
01-11-59 1138451 3009001 5-71					19		11,360	3.72	423							
1353944 WIS PAT.....		1	48	1-35	48	2.9	14,021	3.54	496		5	30	+27	-.01	-1	0
04-10-59 1292880 4123744 5-71					22		13,927	3.61	503							
1353976 EMERALD MEADOWS LUCIFER OLIVER	41-01	167	2	5-35,41,	213	1.7	15,272	3.66	559		14	92	+704	+.07	+35	+47
04-20-59 1070036 4407458 5-71				42,45,46	15		14,570	3.59	523							
1354078 COLLINS-CREST BURKE IDEAL.....*		14	5	1-21	29	2.3	13,583	3.61	491		**	54	-68	+.02	0	-2
01-26-58 1013415 3703156 5-71					10		13,685	3.58	490							
1354086 LEOHOST KING PRIBURKE LUKE....*		5	19	2-73,74	35	4.2	13,503	3.81	514		0	43	+108	+.06	+13	+14
11-29-58 1033908 3107092 5-71					18		13,172	3.64	480							
1354122 TYLER FARMS SUNBEAM PATRIOT...		4	21	2-13,16	42	2.3	14,817	3.69	547		**	41	+122	+.04	+10	+11
06-14-59 1063381 2737020 5-71					19		14,584	3.60	525							
1354228 KNOLLWOOD BONNIE LAD.....*		2	27	1-33	32	2.8	11,132	4.26	474		**	32	-652	+.10	-10	-25
06-29-59 1139652 3040024 5-71					9		13,095	3.89	510							
1354230 K-ACRES ORMSBY LUKE.....		1	20	1-82	20	1.9	14,290	3.41	488		40	24	-119	-.01	-6	-8
08-06-58 1306698 3145017 1-71					2		14,880	3.49	520							
1354289 CARNATION LANCER WINSOME.....*		2	46	2-85,91	48	2.0	14,186	3.38	479		14	28	-70	.00	-3	-4
06-28-59 1269047 3803415 5-71					42		14,495	3.40	493							
1354400 APPLE LAWN GRACIOUS ELMER.....*		4	17	1-35	22	3.1	14,658	3.57	524		0	32	+151	-.03	+1	+5
11-05-58 1254146 3737583 5-71					17		14,212	3.68	523							
1354412 MORRILL FARM PRINCE.....		2	29	1-12	31	2.5	13,158	3.94	518		22	29	-175	+.01	-5	-9
12-08-58 1210847 3266476 5-71					16		13,755	3.95	543							
1354519 SIR ROAMER COLANTHA IDEAL.....*		9	10	3-21,31,	39	2.6	12,918	3.63	469		16	53	-210	.00	-8	-12
11-03-58 1013415 4392909 5-71				63	28		13,246	3.65	484							
1354572 SENECA RAINBOW FOBES.....*		6	7	1-21	21	3.4	17,167	3.52	605		0	45	+703	-.03	+21	+36
11-20-58 1060259 2963814 5-71					21		15,800	3.57	564							
1354595 RICHLY DANDY CANDY COUNT.....*		4	8	3-82,84,	19	2.5	14,737	3.38	498		20	39	-223	-.05	-15	-18
10-14-58 1244198 4203729 5-71				86	29		15,466	3.52	544							
1354624 FORRESTERS MASTER FAYNE.....*		7	12	1-42	22	2.4	13,697	3.58	490		24	36	+37	-.01	0	+1
02-13-59 1216567 3707228 5-71					33		13,557	3.62	491							
1354778 DETERT SIR COMET.....*		4	11	3-33,35,	16	3.8	14,156	3.89	550		6	32	-421	+.03	-11	-20
01-15-59 959466 4489404 5-71				41	13		15,642	3.82	598							
1354831 MCCOL ROBURKE DEAN.....*		4	48	1-21	57	2.9	14,302	3.51	502		8	34	-74	-.03	-7	-8
11-16-58 1065220 4395539 5-71					20		14,590	3.63	529							
1354864 MAYLEANNE IDEAL.....*		4	5	2-12,16	12	3.2	13,824	3.83	529		0	36	-152	+.02	-3	-6
08-18-58 1013415 3640375 5-71					23		14,291	3.80	543							
1354877 ROBTHOM COMMANDER KING.....		1	63	1-43	63	2.3	10,640	3.65	388		17	29	-376	+.02	-11	-19
12-22-58 998194 3563313 5-71					10		11,721	3.61	423							
1354896 MAPLECREST IDEAL DESIGN.....*		1	22	1-34	22	2.6	14,452	3.49	504		32	27	-45	.00	-1	-2
11-27-58 1013415 3343895 5-71					16		14,700	3.48	512							
1354924 ARLINDA FORTY-NINER AMADOR....	93-02	4	47	1-93	68	1.4	15,450	3.51	542		9	32	+88	-.03	-1	+1
02-23-59 1283917 3455889 5-71					241		15,311	3.61	552							
1354925 PAULINA SHIAWANA ROYAL.....*		22	14	4-14,31,	77	2.3	14,811	3.59	532		8	64	+309	-.02	+9	+15
08-05-58 1087974 3399053 5-71				32,34	27		14,368	3.61	519							
1354943 KAHL PABST TRIUNE PAUL.....*		3	21	1-35	26	3.5	14,627	3.77	552		0	33	+85	+.05	+10	+11
01-30-59 1268164 3633411 5-71					15		14,419	3.64	525							
1354952 CLINT OALE ROAMER OLAF.....	21-01	131	1	3-13,21,	152	3.0	14,351	3.64	522		14	91	-267	+.06	-1	-8
11-19-58 1102436 3717665 5-71				23	21		14,724	3.58	527							
1354967 WILLOMONTE WISBURKE OEE GAULLE*		20	15	2-86,93	70	2.3	16,306	3.69	601		7	60	+48	+.07	+11	+10
08-15-58 1013415 4218185 5-71					58		16,479	3.59	591							
1355003 OOT IDEAL PINKY BURKE.....*		11	10	2-52,55	37	3.2	16,458	3.45	567		8	53	+316	-.04	+6	+13
03-30-58 1013415 3450497 5-71					21		16,071	3.49	561							
1355023 MAVIEW PILOT MASTER.....*	63-02	32	7	1-63	99	2.9	12,322	3.57	440		14	79	-664	+.01	-23	-36
01-22-59 1181068 3617497 5-71					18		13,079	3.57	467							
1355051 ARLINDA FORTY-NINER DEAN.....	93-05	19	19	3-82,91,	71	1.3	17,467	3.45	602		13	52	+783	-.11	+12	+30
03-25-59 1283917 3411907 5-71				93	105		16,178	3.63	588							
1355052 ARLINDA FORTY-NINER IDEAL.....*		2	25	1-86	30	2.5	17,162	3.40	583		**	31	+259	-.02	+7	+13
04-14-59 1283917 4022404 5-71					130		16,599	3.42	567							
1355111 ST CROIXCO PRAIRIE MARSHAL....*		3	37	2-42,46	41	2.6	15,348	3.79	581		20	30	-108	+.01	-3	-5
01-10-59 1291499 4262295 5-71					14		15,903	3.81	606							

REGISTRATION NUM8ER NAME OF 8ULL	STUO COOE	NUM8ER OF HEROS	EFF OAU /HO	STATES NO- WITH MOST OAUS	... OAUGHTERS AND HEROMATES ... OAUS HM/OAU	REC/OAU HEROMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREOICTEO OIFFERENCES MILK	%	FAT	$$
1355135 CASH-MAR 8ENEFACTOR HONEYWOOO.*		9	2	4-21,31,	11	2.4	13,189	3.51	463	0	40	-453	+.01	-15	-24
12-06-58 1301462 3845658 5-71				32,65	15		14,364	3.51	504						
1355148 GYPSIE 8 F CARNATION.....	91-11	26	4	9-35,42,	48	2.1	14,341	3.51	503	27	66	-186	-.07	-16	-18
01-29-59 1152252 3576857 5-71				43,46,73	13		14,700	3.61	531						
1355164 KAY-BEN REOSTONE SQUIRE.....*		1	14	1-11	14	3.7	15,406	3.34	514	0	27	+295	-.05	+4	+11
01-03-59 976709 3408214 5-71					6		14,330	3.49	500						
1355188 OKIE CARNATION COMMOOORE PERRY*		4	22	1-73	29	2.0	12,257	3.26	400	8	31	-454	-.03	-20	-28
02-20-59 1246568 3987681 5-71					23		13,707	3.39	465						
1355190 GREEN CREEK AAGGIE FO8ES.....*		4	9	1-52	14	2.4	12,746	3.59	458	**	30	-249	+.01	-8	-13
05-06-59 1291028 2924936 5-71					20		13,525	3.59	485						
1355240 WILOMOOR SOVEREIGN PIETJE.....*		4	19	2-52,54	29	2.6	14,379	3.55	511	**	35	-138	+.03	-1	-4
01-13-59 1124915 3742039 5-71					10		14,865	3.48	518						
1355287 SISSON FARMS QUEEN OOU8LE ARA8*		7	12	1-51	37	3.0	14,229	3.80	540	15	49	+96	+.06	+12	+12
01-03-59 1213698 3927066 5-71					31		14,045	3.69	518						
1355528 LAVACRES OICTATOR PHOENIX.....	93-10	33	26	2-74,93	187	1.9	16,058	3.49	561	8	71	+22	-.09	-12	-9
07-20-59 1204163 3948870 5-71					54		16,259	3.61	587						
1355529 LAVACRES OICTATOR OUSTY JO....*	93-15	11	103	3-42,61,	201	2.4	15,548	3.47	540	14	45	+8	-.06	-8	-6
07-23-59 1204163 3948867 5-71				93	125		15,706	3.60	566						
1355587 LIMA SIR GEORGE ROSE COUNTESS.*		4	28	1-31	53	2.8	13,240	3.75	497	9	42	-70	+.02	0	-2
01-25-59 1033433 3261590 5-71					22		13,350	3.75	500						
1355609 LAGUNA TRIUNE 8UOO.....*		1	16	1-93	16	3.6	11,681	3.78	441	**	27	-130	+.03	0	-3
01-10-59 1265166 2735128 5-71					34		11,959	3.63	434						
1355610 WOOO8OURNE CON-MAN.....*	31-02	31	6	9-13,16,	64	2.4	14,189	3.92	556	19	71	-744	+.17	-5	-23
01-02-59 1298430 4416519 5-71				21,23,31	25		15,382	3.71	571						
1355669 SPOOKIE GERART GOVERNOR.....		1	17	1-42	17	2.9	11,426	3.40	389	27	26	-184	-.05	-13	-16
09-22-58 1019538 3887091 5-71					14		11,943	3.65	436						
1355747 8ARFARM IOEAL ATLAS.....*		4	6	1-23	12	2.6	12,637	3.57	451	**	32	-276	+.04	-5	-11
02-21-59 1175596 4312775 5-71					20		13,466	3.48	468						
1355784 THONYMA STYLEMASTER.....	31-02	289	6	25-31,43,	692	2.1	15,473	3.44	532	10	96	+1,212	-.16	+20	+48
02-20-59 1013415 4204563 5-71				55,56,71	23		14,245	3.59	512						
1355818 PA8ST FOREMAN REGAL.....*		2	27	2-34,35	29	3.2	13,720	3.63	498	4	31	-31	.00	-1	-2
01-14-59 1307776 3991926 5-71					6		13,811	3.66	506						
1355869 HICKORY HILL 8LACKY VISCOUNT..*		1	26	1-35	26	2.5	12,172	3.57	435	26	26	-384	-.02	-16	-23
01-23-59 1132414 3197836 5-71					2		13,597	3.68	501						
1355933 VOLENOAM SCHOOLMASTER OUKE....*		2	13	1-11	15	2.8	15,280	3.79	579	7	27	+6	+.02	+3	+3
04-16-59 1181068 3586104 5-71					14		15,405	3.73	574						
1355938 ELMOKA JOE OON.....*		2	14	2-35,41	16	3.1	13,468	3.66	493	15	27	+17	.00	+1	+1
03-08-59 1106334 4294520 5-71					10		13,344	3.66	489						
1355942 ELMOKA HOMESTEAO MARTY.....	35-05	241	3	11-23,33,	437	1.9	13,567	3.73	506	13	95	-412	+.08	-4	-14
02-07-59 1178237 3513388 1-71				35,41,42	15		14,007	3.66	512						
1355946 LEAOER TRIUNE ORMS8Y.....*		5	12	2-13,21	19	2.3	15,126	3.50	529	15	32	-220	-.02	-10	-14
04-16-59 1150470 4139024 5-71					13		16,016	3.55	569						
1356103 YORK FARMS TIOY PRIOE.....*		14	13	4-64,91,	48	2.5	16,594	3.50	580	9	53	+441	-.06	+7	+17
09-10-58 1150469 3434951 5-71				92,93	27		15,958	3.59	573						
1356171 TUTTLE HIGH CRESCENT LUKE....*		2	13	1-73	15	1.9	12,605	3.24	408	45	25	-156	-.01	-7	-10
12-26-58 1289932 4081476 5-71					6		13,155	3.28	432						
1356174 OLSUMMIT MARATHON 8URKE JIM...*		3	25	1-21	32	2.8	14,759	3.88	573	16	32	-137	+.07	+5	+1
03-08-59 968544 2870042 5-71					61		15,329	3.69	565						
1356229 KENLAWN ARISTOCRAT HOPE.....*		5	12	2-21,23	28	2.4	11,057	3.83	424	33	42	-420	+.09	-3	-13
01-24-59 1124780 4204346 5-71					19		11,849	3.59	425						
1356355 S P S M PERFECTION PA8ST.....*		6	18	1-34	27	3.0	12,618	3.72	470	12	35	-224	+.04	-2	-7
01-03-59 1208164 2978130 5-71					71		13,188	3.62	477						
1356413 TRIJON ORAM8UIE IMPERIAL KING.*		1	11	1-21	11	2.3	12,597	3.54	446	17	23	+1	.00	0	0
03-05-59 1085978 3634981 5-71					12		12,445	3.58	445						
1356465 DAWNVALE TEXAL RAG APPLE.....	65-02	27	6	1-65	86	2.4	13,754	3.53	485	5	77	+155	+.02	+8	+11
12-29-58 1306552 2936306 5-71					12		13,510	3.49	471						
1356558 RO8URKE TONY OEAN.....*		2	13	1-23	15	3.2	13,332	3.73	497	**	28	-69	+.02	0	-2
02-27-59 1065220 3938355 5-71					22		13,539	3.70	501						
1356767 MAPLEROSE RAG APPLE POSCH.....*		5	4	2-91,93	13	2.2	18,004	3.37	606	0	36	+531	-.08	+8	+20
10-31-58 1024453 4379905 5-71					13		16,830	3.52	593						
1356807 8URKE PA8ST REGAL LEAOER.....*		1	13	1-41	13	3.4	12,553	3.58	449	**	25	-214	-.01	-9	-13
09-09-58 1249426 3906719 5-71					12		13,342	3.66	488						
1356831 RELAY HILL TOP 8UCKAROO.....		1	10	1-21	10	3.8	13,971	3.82	533	10	24	-156	+.05	+1	-3
01-24-59 1296902 4185467 9-70					19		14,696	3.61	530						
1357002 SLEEPY HOLLOW ROYALIST.....		1	15	1-93	15	2.0	17,868	3.67	655	**	23	+131	-.01	+3	+6
04-07-59 1252231 2661996 5-71					108		17,682	3.73	659						
1357033 OREGON CHALLENGER ZENITH.....	61-02	351	6	4-52,55,	1,092	1.3	14,302	3.54	507	10	97	+43	-.03	-3	-1
02-11-59 1253140 3441114 1-71				91,92	26		14,293	3.58	512						
1357090 EASTHAVEN MUTUAL.....*		10	8	1-32	25	2.5	15,848	3.69	584	5	44	+9	-.01	-1	-1
10-10-58 1087974 3580146 5-71					17		16,038	3.73	598						
1357092 EASTHAVEN REPRIOE.....*		9	4	2-32,63	17	3.4	16,232	3.76	610	12	45	+545	+.04	+25	+35
02-22-58 984799 4168652 5-71					19		15,135	3.71	561						
1357113 TIOFARM PRINCE.....*		6	72	4-57,63,	82	2.3	13,577	3.67	498	14	32	-150	.00	-5	-8
11-11-58 1114239 3248696 5-71				64,65	49		14,064	3.69	519						
1357258 STEEL-8ILT AJAX SKYLARK OON...		2	30	1-52	32	3.6	11,602	3.96	459	11	31	-358	+.10	0	-9
02-12-59 1303046 3408898 5-71					34		12,643	3.61	456						
1357287 COOPER VALLEY CREAMELLE R A...		1	26	1-73	26	3.0	14,512	3.39	492	**	28	+338	-.04	+6	+14
02-08-59 1024453 4139296 5-71					10		13,234	3.52	466						
1357308 EOGEHILL TREASURE KIT.....*	31-02	196	11	20-31,43,	546	1.4	14,869	3.77	561	13	92	-348	+.17	+11	0
06-11-58 1028260 4681433 5-71				55,56,93	50		15,391	3.60	554						
1357310 LAVACRES CHAL CONCERT-TWIN....*		12	4	2-91,93	27	1.8	14,977	3.59	537	**	55	-1,123	+.04	-35	-58
02-25-59 1253140 3646196 5-71					55		17,362	3.53	613						
1357413 ATHENS 8URKE IOEAL.....*		3	35	1-31	39	2.6	11,912	3.44	410	4	31	-123	.00	-5	-7
01-23-59 1013415 3419527 5-71					21		12,132	3.49	423						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	% REPT	PREDICTED DIFFERENCES MILK	%	FAT	$$
1357414 ATHENS ARA8 8URKE.....*		4	7	1-31	20	2.6	13,416	3.41	457	14	41	-75	-.06	-11	-11
01-24-59 1013415 3814571 5-71					37		13,564	3.56	483						
1357442 ST CROIXCO PRAIRIE MODEL.....*		15	20	2-41,45	56	3.0	15,430	3.71	573	2	51	+91	.00	+3	+5
04-24-59 1291499 4206247 5-71					15		15,397	3.73	575						
1357499 TALOGA JASMINE GUN SMOKE.....*		1	43	1-73	43	2.2	14,278	3.26	466	9	28	-183	-.01	-8	-11
06-08-59 1199320 3717269 5-71					8		15,041	3.31	498						
1357524 ZERKY PEARL CECIL RITA.....		1	17	1-35	17	2.4	17,272	3.28	567	10	25	+178	-.05	-1	+4
02-17-59 1089423 3891328 5-71					14		16,855	3.45	582						
1357530 CORRECTION VICTOR GENERAL.....		1	10	1-82	10	1.5	14,763	3.30	487	0	20	+44	-.03	-2	-1
06-30-58 1270161 3382027 5-71					1		14,612	3.42	500						
1357545 CAMPANILE OOU8LE R A 8ETTINA..*		1	11	1-46	11	3.1	13,501	3.62	489	9	25	+79	-.01	+1	+3
02-16-59 1217090 4348750 5-71					23		13,093	3.67	481						
1357586 GREEN PASTURES IDEAL SNOWMAN..*		2	26	1-33	28	3.8	16,624	3.67	610	11	31	+449	+.01	+18	+27
10-24-58 1090340 2481364 5-71					18		15,316	3.64	557						
1357608 SHAWS PILOT OUNLOGGIN.....*		7	3	3-13,16,	14	2.4	14,015	3.70	519	**	41	-37	+.01	0	-1
04-30-59 1287412 3997809 5-71				21	14		14,124	3.68	520						
1357743 GLENAFTON RAG APPLE CHARMER...*	33-03	1,490	7	47-21,23,	3,354	1.5	15,352	3.55	545	14	99	+298	-.07	+1	+9
05-31-58 010249530 011170690 5-71				33,35,93	29		15,174	3.62	549						
1357750 ROSAFE SUPREME DUKE.....*	93-16	44	40	7-82,86,	209	1.3	16,298	3.52	573	18	63	-303	-.01	-12	-18
02-11-59 010249633 4600731 1-71				87,91,93	108		17,099	3.53	604						
1357759 TIDY 8URKE ADMIRAL SYM8OL.....*		9	23	1-84	52	2.8	15,961	3.62	577	12	45	-103	+.03	0	-3
10-02-58 1283538 4625805 5-71					25		16,443	3.56	586						
1357762 TIDY 8URKE TITUS.....*		11	17	3-48,73,	51	2.7	14,995	3.50	525	19	50	+16	-.03	-3	-2
09-03-58 1226862 4525713 5-71				74	15		15,076	3.56	537						
1357780 MONANFRAN 8URKE IDEAL.....*		5	8	2-21,47	26	3.2	13,951	3.31	462	5	47	+91	-.09	-9	-5
04-29-59 1013415 3369653 5-71					37		13,738	3.49	480						
1357786 TREE HILL BURKE OE KOL.....*		1	10	1-52	10	3.1	15,325	3.21	492	17	24	+150	-.05	-1	+3
01-21-59 1189679 3595858 5-71					39		14,786	3.37	498						
1357797 8ILLVER OLIVER KING.....*	35-03	176	4	14-32,35,	357	2.6	15,286	3.91	597	10	94	+559	+.23	+54	+59
01-29-59 1061147 4173854 5-71				42,43,52	18		14,777	3.68	544						
1357872 LONGHURST LANSING LEADER.....*		7	12	1-21	38	3.8	14,241	3.69	525	6	52	-620	+.06	-14	-28
05-02-59 1150470 2854247 5-71					18		15,594	3.59	560						
1357887 U NEVADA WIS 8URKE ALE.....*	35-21	28	8	5-35,41,	58	2.1	15,088	3.56	537	15	64	+46	-.08	-10	-7
12-05-58 1013415 4125016 5-71				42,47,87	17		15,134	3.70	560						
1357972 MOOKOWN AUTHOR 8ILL.....*		15	17	3-14,16,	61	2.7	14,819	3.41	506	5	55	+288	-.06	+2	+9
03-11-59 010249530 3865505 5-71				32	17		14,338	3.50	502						
1357998 WIS DEFENDER.....*	35-03	24	1	3-35,42,	29	3.5	13,483	3.95	532	14	67	-503	+.15	+2	-11
07-12-59 1292880 3009985 5-71				61	19		14,270	3.73	532						
1358005 WIS SYM8OL PRIDE.....*	23-13	173	3	6-21,22,	269	2.5	15,080	3.47	523	9	94	+746	-.22	-6	+14
08-04-59 1189593 3279882 5-71				23,51,55	22		14,320	3.72	533						
1358006 WIS MIGHTY SYM8OL.....*		7	18	1-41	42	3.1	15,465	3.39	525	10	46	+467	-.10	+2	+14
09-09-59 1189593 3373784 5-71					10		14,515	3.60	522						
1358040 EL-KATRINA VAR CA88Y.....		1	48	1-93	48	1.0	17,309	3.66	633	**	23	+287	+.03	+15	+20
03-26-58 1217938 3759126 5-71					21		16,307	3.54	577						
1358173 NAKOTA EMINENT KARL.....		2	11	1-45	13	2.9	12,487	3.85	481	11	26	-150	+.05	+2	-2
05-07-59 1297273 3557425 5-71					9		12,964	3.63	471						
1358209 WHISPERING CEDARS LUCIFER KING*		13	3	2-23,51	24	2.8	13,186	3.71	489	33	57	-594	-.03	-26	-37
04-11-59 1276329 3449876 5-71					12		14,268	3.78	540						
1358275 ROCK RIVER OOU8LE GEWINA.....*		9	9	3-35,52,	33	2.3	14,100	3.54	499	11	50	-64	-.03	-7	-7
06-28-59 1265166 3160755 5-71				73	16		14,262	3.63	517						
1358319 8OND HAVEN CENTURION MARK.....*		11	15	1-21	69	3.2	14,899	3.38	504	4	62	-212	-.11	-23	-25
06-11-58 010239301 010593816 5-71					21		15,389	3.55	547						
1358322 GREMELSBACH PILOT.....*		3	18	3-32,35,	31	3.6	13,627	3.69	503	11	39	-240	+.03	-4	-10
04-12-59 1175596 3225127 5-71				41	14		14,274	3.62	517						
1358361 SANDSOALE REFLECTION MASTER...*		5	7	2-14,16	14	2.6	14,801	3.90	577	**	33	-92	+.03	+1	-2
07-02-58 1224974 2800577 5-71					26		15,206	3.83	582						
1358417 RICH-HERD TEXAL SUNRISE.....*		11	13	2-42,47	48	2.5	15,643	3.55	556	16	54	-8	-.03	-4	-4
07-29-58 1289092 4405509 5-71					31		15,850	3.61	572						
1358497 KAY-HART GERBEN RAVEN JET.....*		3	6	1-93	11	3.6	15,523	3.60	559	0	32	+68	-.02	0	+2
11-27-58 1113350 3520071 5-71					31		15,460	3.67	568						
1358534 PIETERTJE ORMS8Y FOBES LAO.....*		1	29	1-55	29	3.0	12,156	3.50	426	9	28	-211	+.01	-6	-10
07-17-58 921741 2967437 5-71					25		12,787	3.48	445						
1358564 COMMONWEALTH KHR INKY CHIEF...		2	38	1-61	65	1.5	13,559	3.61	490	28	37	+68	-.02	0	+2
02-04-59 1207281 4099560 5-71					32		13,312	3.67	489						
1358620 FO8ES ATHLONE MAJOR.....*		1	12	1-50	12	3.0	12,446	3.49	434	**	25	-21	+.01	0	-1
01-28-59 1210078 4145806 1-71					18		12,376	3.48	431						
1358647 PA8ST ADMIRATION.....*	91-11	116	3	22-21,34,	183	2.8	14,047	3.72	522	10	91	-455	+.08	-5	-16
12-10-58 1152252 3375453 5-71				35,41,42	27		14,616	3.63	531						
1358749 LOUTRICIA GLAMOUR TONY.....		3	51	1-52	59	2.1	14,020	3.38	474	32	31	-111	-.06	-12	-13
05-30-59 1066477 3785422 5-71					14		14,435	3.59	518						
1358798 MIL-ROB PEARL DANDY.....		12	2	4-35,41,	16	1.1	12,413	3.50	435	7	43	-247	-.04	-15	-19
10-10-58 1290068 4052181 5-71				42,48	31		12,885	3.63	468						
1358941 SKOGEN TRI VAR ORMS8Y CUPID...*		1	13	1-35	13	2.6	12,686	3.78	479	**	24	-222	+.02	-5	-10
02-14-59 1262986 4021614 5-71					16		13,571	3.73	506						
1358944 8ESSLYN ORMS8Y FO8ES RO8URKE..		1	40	1-52	40	2.5	11,763	3.72	437	**	29	-351	.00	-12	-19
12-06-58 1288534 4210711 5-71					8		12,893	3.73	481						
1359042 8LISS ACRES RAIN8OW RAG APPLE.		1	16	1-34	16	2.3	12,169	3.76	458	20	24	-133	+.01	-4	-7
10-10-58 1060259 3714749 5-71					6		12,590	3.79	477						
1359225 KENT SCHOOL COLANTHA FO8ES....*		3	20	1-16	24	2.5	14,926	3.68	549	30	29	-155	-.01	-7	-10
11-24-58 1210078 3614197 5-71					17		15,635	3.74	585						
1359325 8LY FARM ARISTOCRAT VIC-TWIN..*		7	6	1-21	19	2.9	13,818	3.65	504	13	42	-455	+.04	-11	-21
02-02-59 1124780 3865224 5-71					19		14,999	3.57	536						
1359384 LILAC HILL BURKGOV FOBES.....		2	11	2-33,57	13	2.5	14,058	3.68	517	**	26	-30	+.02	+2	+1
04-21-59 1038509 3933735 5-71					10		14,204	3.60	511						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	% REPT	PREDICTED DIFFERENCES MILK	%	FAT	$$
1359390 OANEHOJ GYPSIE LEAOER.....*	41-01	30	5	3-41,45,	50	2.5	12,407	3.62	449	23	68	-928	+.03	-30	-49
02-06-59 1150470 3201101 5-71				46	19		13,766	3.59	494						
1359467 TRASKDALE ADANA OUKE LEADER...*		6	40	1-21	49	2.6	17,669	3.33	588	14	33	-29	-.03	-5	-5
11-08-58 915940 4404136 5-71					12		18,184	3.40	618						
1359491 WILD CREEK OANDY CHAIRMAN.....*		3	17	1-21	24	2.5	15,094	3.41	514	18	33	+55	-.01	0	+1
02-10-59 1088151 3614724 5-71					33		15,037	3.44	518						
1359512 TEXAS FO8ES STAR II OF L S U..	72-01	4	6	1-72	17	2.7	14,841	3.09	458	7	41	+13	-.09	-12	-10
09-02-58 1035459 3646603 5-71					25		14,904	3.27	488						
1359757 GRASSY MEAOOWS PICA PRINCE....*		7	4	1-55	13	3.7	15,058	3.98	600	17	40	-107	+.18	+21	+15
07-21-59 1121706 3258029 5-71					24		15,484	3.56	552						
1359769 GRAY VIEW SKYREFLECTOR.....*	86-02	11	7	2-86,93	36	2.1	13,871	3.61	501	14	55	-622	+.09	-11	-25
04-04-59 1298430 4204805 5-71					80		15,123	3.47	525						
1359785 MIOOLE ACRES PRINCE ROAMER....*		1	10	1-15	10	3.3	18,010	3.63	653	10	24	+174	-.02	+3	+7
06-01-59 1210295 4004831 5-71					13		17,638	3.72	656						
1359798 CARNATION ROYAL TALENT.....*	91-11	46	1	9-33,35,	53	1.8	14,311	3.62	518	7	74	+289	-.02	+8	+14
07-28-59 1305460 3769610 1-71				41,42,87	18		13,919	3.65	508						
1359871 THONYMA IOEAL LEAOER HAPPY....*		8	33	2-48,84	49	3.0	14,750	3.76	554	19	38	+205	+.05	+14	+17
01-17-59 1013415 4410787 5-71					18		14,232	3.63	517						
1359891 KOWCHICPO OUKE R A USORA BURKE*		4	6	2-11,12	13	3.5	14,701	3.53	519	0	37	+241	-.05	+1	+7
04-01-59 1013415 3644311 5-71					20		14,053	3.69	518						
1359919 CARLINS HILLTOP FOND MISTER...*		6	32	2-47,48	60	3.0	15,128	3.59	543	10	43	+73	-.01	+1	+3
02-19-59 1243697 3993943 5-71					14		15,073	3.61	544						
1359920 CARLINS HILLTOP FONO JASPER...*		17	4	3-48,73,	28	1.7	14,808	3.53	523	26	54	+123	+.03	+8	+10
03-31-59 1243697 3144902 5-71				74	18		14,649	3.47	509						
1360006 FOX CHASE ROYAL LYONS.....*		1	26	1-23	26	2.4	13,150	3.70	486	0	27	+40	-.01	0	+1
04-01-59 1172967 2899626 5-71					44		12,896	3.79	489						
1360105 COVA MORELAND HYMAN.....		2	13	1-52	19	2.2	11,325	3.48	394	**	31	-479	-.02	-20	-29
04-29-59 1114762 4258019 5-71					6		12,767	3.57	456						
1360114 ANDYWAY LOGRAND RUBE.....*		3	14	2-42,87	24	2.6	12,511	3.62	453	14	37	-254	+.02	-7	-12
03-27-59 1269686 3319004 5-71					4		13,122	3.59	471						
1360162 CHRISTY REFLECTION-TWIN.....*		2	36	1-35	38	2.1	13,862	3.72	516	32	28	-565	.00	-20	-31
02-11-59 1265747 3655332 5-71					15		16,098	3.73	600						
1360199 SIR TRENTON HILL ELITE LANCER.*		1	13	1-21	13	4.4	13,176	3.55	468	0	27	+110	+.01	+5	+7
08-15-59 1261439 3875364 5-71					12		12,638	3.51	444						
1360201 UNH GOLDEN SCHOOLMATE-TWIN....*		33	1	19-21,23,	36	1.7	14,558	3.58	521	**	67	+333	+.01	+13	+19
08-25-59 1181068 2874989 5-71				31,34,52	48		14,076	3.57	502						
1360242 CHERRY8OLD 8RIGEEN GOLDEN.....*		2	32	1-35	51	1.8	12,065	3.46	417	35	36	-641	+.02	-20	-33
07-02-59 1170426 2862418 5-71					24		13,855	3.41	472						
1360335 CORLACRES PA8ST DE KOL.....		1	17	1-23	17	3.5	14,216	3.65	519	0	27	+82	+.03	+7	+8
07-28-58 1159161 3286994 5-71					9		13,910	3.53	491						
1360341 SOMEDAY MAJESTY KING.....*		8	18	2-33,35	35	2.4	12,244	4.17	510	15	39	-604	+.17	+1	-15
06-16-59 1293580 3991068 5-71					18		13,774	3.70	509						
1360373 TYLER FARMS CORONA BRAOFORD...*		3	14	3-12,13,	18	3.1	14,667	3.67	538	18	30	+253	-.01	+8	+13
08-07-59 1289225 3814798 5-71				14	27		13,810	3.70	511						
1360466 NORTH CREST CRAFTSMAN SENATOR.*		1	41	1-48	41	1.8	14,079	3.37	474	23	26	-175	+.02	-4	-8
01-02-59 1282212 3782787 5-71					18		14,843	3.33	494						
1360517 ALTEX ELSIE 8LACK JOHN.....*		4	8	1-74	16	1.8	15,404	3.45	531	0	32	+681	-.02	+22	+36
07-27-59 1150470 4121259 5-71					25		13,208	3.47	458						
1360553 HEOEGARD SUPREME MARK.....*		9	2	2-88,93	12	2.4	17,914	3.42	613	**	42	+715	-.06	+17	+33
05-20-58 1109640 2822455 5-71					29		16,458	3.53	581						
1360578 TIERNEY KORNDYKE STAR.....*		4	13	2-52,55	20	2.8	14,816	3.28	486	0	33	-29	-.08	-12	-11
09-10-57 860768 4892862 5-71					43		15,012	3.50	526						
1360676 ZIMMERMAN PILOT STAR TIDY-TWIN*	23-01	85	5	26-21,23,	176	1.4	16,530	3.73	616	11	86	+1,093	+.02	+42	+63
12-22-58 1261857 4111408 5-71				35,82,92	22		15,412	3.73	575						
1360691 MISCHIEF ROSEHAVEN 8ENEFACTOR.		1	38	1-41	38	3.3	14,256	3.65	521	5	30	+33	+.03	+6	+6
10-11-58 1132684 4215842 5-71					12		14,168	3.52	499						
1360704 NACHES MADCAP MONTY.....		2	19	1-91	36	1.8	16,329	3.45	564	**	39	+334	-.05	+5	+13
02-12-59 1249795 3765729 5-71					38		15,634	3.56	556						
1360713 SIR HEERSCHE PONTIAC.....		1	11	1-41	11	2.3	15,867	3.54	562	**	23	+15	+.01	+2	+2
07-15-59 1132684 3908676 1-71					34		16,009	3.50	560						
1360771 ALDERHURST PICA MASTER.....*		12	9	4-31,32,	36	2.9	15,328	3.72	570	18	54	+68	+.04	+8	+8
05-05-59 1121706 3658081 5-71				33,34	14		15,343	3.66	562						
1360825 8URKE B F 8ENEFACTOR.....*		1	13	1-35	13	2.9	14,365	3.45	496	**	25	+86	-.01	+2	+4
11-21-58 1199324 3824007 5-71					13		14,031	3.48	488						
1360837 TRANSTOMIA STAR RASTUS.....*		1	23	1-42	23	2.6	12,343	3.69	455	17	26	-455	+.03	-12	-22
07-12-59 938595 3674269 5-71					12		14,086	3.59	506						
1360851 IDEAL MELVILLE NA8OTH WIS.....		2	23	1-55	43	3.0	15,268	3.72	568	0	42	-62	+.03	+2	0
06-24-58 981308 3637142 5-71					52		15,583	3.65	569						
1360860 MACKSIMUM FOND FALCON.....*		9	5	2-35,84	20	2.9	14,844	3.87	575	0	48	-443	+.15	+4	-8
08-20-59 1243697 3863704 5-71					18		15,973	3.59	573						
1360881 8LACK STAR ROCK.....		2	58	1-93	60	1.6	14,414	3.45	497	13	27	-181	-.03	-10	-13
10-14-58 1268015 3160794 5-71					82		15,221	3.56	542						
1360884 COLO S U B GOV DESIGNER.....*		5	13	1-82	27	2.7	14,883	3.22	479	11	41	+416	-.10	0	+11
07-28-59 1038509 3420439 5-71					14		13,846	3.43	475						
1360889 THONYMA MAGISTRATE.....*		4	13	3-45,46,	20	2.6	18,031	3.64	656	18	33	+314	-.01	+10	+16
07-01-59 1113350 4105551 5-71				47	7		17,411	3.68	640						
1360933 WESTLYND IMA 8URKE IDEAL.....*		5	3	2-33,43	11	3.9	15,520	3.25	505	0	39	+804	-.15	+7	+27
12-07-58 1013415 3439375 5-71					20		13,421	3.62	486						
1360955 ARLO MAGICIAN.....*		27	6	8-23,33,	70	2.0	14,730	3.48	512	7	72	+253	-.09	-4	+3
07-14-59 1138451 3781955 5-71				35,51,74	58		14,427	3.61	521						
1361029 MOOIE SUE TOWERLINE LAD.....*		3	11	2-32,52	15	3.5	14,297	3.56	509	8	30	+168	+.04	+12	+14
03-22-59 1004232 3827977 1-71					14		13,720	3.40	466						
1361056 RAY-LOU 888 TRIGGER.....*		2	10	2-21,35	12	2.8	13,787	3.69	509	**	26	-119	+.03	0	-3
05-14-59 1006866 3575949 5-71					34		14,282	3.60	514						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	%	FAT	%	1ST REPT INC	%	PREDICTED DIFFERENCE: MILK	%	FAT	$:
1361065 GLENAFTON RAG APPLE HIGHLIGHT.*	35-03	348	7	21-33,34,	1,285	2.4	13,802	3.88	536	11	98	-605	+.23	+9	-8
02-13-59 010239301 010723716 5-71				35,61,74	18		14,475	3.66	530						
1361127 OIAMDNO S SIR CREAMERY 8 TOP..*		6	9	1-93	28	2.6	15,843	3.51	556	10	47	-53	-.02	-5	-6
09-20-58 1312774 4194904 5-71					91		16,182	3.55	575						
1361174 PA8ST L O RAVEN.....*		6	36	1-21	68	3.0	15,462	3.76	581	11	44	+20	+.02	+3	+3
05-14-59 1249424 3730359 5-71					37		15,579	3.73	581						
1361313 LONE CREEK RE8URKE OEEN.....		1	10	1-32	10	2.9	12,869	4.1D	528	29	23	-443	+.13	+1	-11
08-22-59 1192789 3898629 5-71					8		14,904	3.54	528						
1361330 GREEN 8ANKS RAVEN NIT.....*		11	5	2-21,23	24	2.4	14,235	3.44	489	10	49	-385	-.06	-22	-28
08-11-59 1113350 4339769 5-71					39		15,142	3.56	539						
1361333 AOOHR GOLDEN 8UTTONS.....*		21	9	6-23,50,	106	2.2	13,415	3.5D	470	13	77	-545	-.18	-44	-51
04-24-59 1215448 3223356 1-71				51,54,55	47		14,150	3.75	531						
1361345 RIVER VALLEY T N ARISTOCRAT...*	61-01	85	3	3-32,61,	144	2.5	13,723	3.40	466	12	89	+101	-.09	-9	-5
07-19-59 1264035 3092559 5-71				74	14		13,572	3.49	474						
1361373 MDULTON TWI SOVEREIGN 8RUCE...*		1	21	1-54	21	1.6	10,625	3.73	396	0	24	-149	+.01	-4	-7
09-13-59 1221082 3292481 5-71					28		10,956	3.71	406						
1361380 TA8UR CDCHRAN REWARO.....*		4	18	1-43	28	3.0	15,098	3.51	530	27	36	+252	-.D1	+7	+12
08-10-59 1007680 4293805 5-71					16		14,450	3.54	512						
1361508 ARKEN HOMESTEAO FD8ES.....*		8	32	2-42,47	54	2.9	14,056	3.62	509	0	40	+143	-.01	+4	+7
04-26-58 1273213 428398D 5-71					22		13,674	3.66	500						
1361520 HI LO DOU8LE DDN.....*		4	17	2-23,35	34	3.2	15,340	3.53	542	8	43	+322	-.01	+10	+17
05-22-59 13D0340 3054959 5-71					13		14,657	3.55	521						
1361532 ORAGOMON FARMS ROYAL POSCH....*		1	40	1-34	40	3.2	15,047	3.52	529	8	30	+136	-.03	+1	+4
07-31-59 1251479 3426575 5-71					15		14,668	3.6D	528						
1361535 PINEHURST AOMIRAL VICTORY.....*	35-01	6	8	4-33,34,	22	2.1	14,302	3.71	530	15	40	-74	+.05	+4	+1
09-25-58 1211333 3880171 5-71				35,85	12		14,549	3.59	522						
1361571 MAPLECREST SIR OESIGN REX.....		2	26	1-34	28	2.9	13,951	3.51	489	**	29	+3	-.01	-1	-1
06-19-59 1263007 3931219 5-71					13		13,942	3.56	496						
1361599 FOREMOST PRINCE MARYLANO.....*		3	10	2-22,51	14	2.4	11,991	3.96	475	0	28	-639	+.02	-21	-34
07-16-59 1273130 2457066 9-70					13		14,286	3.90	557						
1361641 AUOIC REFLECTOR LUKE.....*		9	8	3-33,35,	29	2.2	14,513	3.71	538	31	48	-53	+.02	+1	-1
01-16-59 1298430 3259895 5-71				87	63		14,703	3.67	540						
1361675 GALLEYVIEW PROUO MAVERICK.....*		3	14	1-93	19	2.7	16,103	3.60	580	0	32	-163	-.02	-9	-12
04-12-59 1111078 3269904 5-71					82		16,919	3.69	624						
1361760 ROCK LINE INVINCIBLE CLAUOE...*		5	24	2-21,23	35	1.9	12,163	3.49	424	38	33	-649	.00	-23	-36
05-01-59 1056882 2994533 5-71					22		14,188	3.50	497						
1361761 OAK PATH C J OAN.....		3	6	1-41	17	2.7	14,345	3.69	529	0	39	+158	-.01	+4	+7
01-10-59 1262986 4149931 5-71					12		13,937	3.74	521						
1361770 EOH AOMIRAL 8EAUTY LAO.....*		1	24	1-48	24	2.5	14,197	3.47	493	0	27	+372	-.02	+10	+18
07-24-59 1310625 3710976 5-71					25		12,710	3.54	450						
1361796 MIESER LOCHINVAR.....*		8	16	1-34	30	3.1	16,632	3.45	574	4	4D	+258	-.04	+4	+10
09-30-58 1263007 3507109 5-71					12		16,207	3.53	572						
1361920 CASH-MAR REFLECTION-TWIN.....*		12	2	8-14,32,	15	2.4	14,229	3.32	472	10	48	+144	-.09	-7	-2
08-29-59 1306035 3154948 5-71				34,52,72	27		13,925	3.50	488						
1361922 CASH-MAR HEAOLINER.....*		9	22	3-21,23,	58	2.8	13,502	3.36	454	13	50	-196	-.09	-19	-21
09-14-59 1333526 4480603 5-71				32	66		13,893	3.56	494						
1361933 HAMER RO8URKE RAG APPLE.....	35-75	281	2	34-21,32,	393	1.5	15,401	3.55	547	13	95	+6D0	-.09	+9	+23
11-01-58 1024453 4818416 5-71				35,55,57	27		14,861	3.64	541						
1362009 WALHOWOON VERNON M 8EAUTY.....*	12-03	15	2	4-12,13,	20	3.8	15,409	3.91	602	6	57	+142	+.12	+22	+22
04-26-59 1246708 3149767 1-71				14,15	17		15,293	3.73	570						
1362022 BAUGO VALLEY JURYMAN LAO.....*		9	1	3-21,32,	11	1.9	13,370	3.55	474	**	38	-132	-.06	-13	-14
06-16-59 1224102 4153158 5-71				34	36		13,691	3.73	510						
1362033 MAYTAG 8URKGOV TY VIC.....*	41-25	18	26	3-35,41,	62	2.4	15,010	3.46	519	9	46	+506	-.03	+14	+25
08-05-59 1038509 3761858 5-71				42	27		13,916	3.51	488						
1362217 YOKOHL IOEAL RDSE.....		1	11	1-93	11	1.0	18,085	3.58	647	**	18	+14	.00	+1	+1
08-14-59 1150470 3912930 5-71					55		18,458	3.57	659						
1362225 WESTOVER ARISTOCRAT OEAN ROCKY*		6	5	1-21	20	3.8	17,435	3.53	616	6	48	+616	-.03	+18	+31
09-05-59 1124780 3557166 5-71					9		16,399	3.58	587						
1362327 JOE LOOESTAR FACTOR.....*		18	10	4-23,50,	43	2.5	14,946	3.56	532	6	55	+361	-.05	+6	+14
08-08-58 010249530 010871199 5-71				51,55	17		14,326	3.65	523						
1362343 PUGET SOUNO LAURELIST.....*		2	47	1-92	49	3.2	12,943	3.45	447	4	31	-157	.00	-6	-9
04-05-59 1315253 3410973 5-71					11		13,391	3.49	467						
1362348 TRIPL-E ROCKY.....*		3	14	2-33,55	19	2.5	14,278	3.46	494	17	31	+36	-.05	-5	-3
03-27-58 1122159 3516347 5-71					19		14,185	3.62	514						
1362410 ARCHAMBAULT SOVEREIGN SYMBOL..*	33-03	476	3	38-21,23,	783	1.1	13,758	3.79	522	15	97	-854	+.17	-9	-3D
07-20-59 1259074 4115732 1-71				31,32,35	19		14,717	3.64	536						
1362484 LAVACRES DUSTY SUMMIT-TWIN....	93-16	1	123	1-93	123	1.5	18,556	3.51	652	4	27	+413	+.01	+16	+24
07-27-59 1205185 3882799 5-71					387		17,377	3.48	6D5						
1362573 LOYALMEAOE CHRISTIE R A.....*		1	16	1-23	16	2.3	15,728	3.66	575	15	24	+129	+.02	+8	+10
07-12-59 1123895 406D992 5-71					22		15,339	3.55	545						
1362678 GRANVIEW ROYAL PRIDE.....		1	43	1-34	43	2.7	11,920	3.65	435	**	29	-212	+.D5	-1	-6
11-11-58 1306065 3826399 5-71					30		12,507	3.47	434						
1362735 NSH FLUM IMPERIAL FLIT.....		1	26	1-47	26	1.5	10,393	3.58	372	38	24	-168	-.04	-11	-13
08-11-59 1285154 4455448 5-71					7		10,767	3.82	411						
1362771 8URKE REGAL LEAOER.....		3	13	2-35,42	17	2.5	14,360	3.53	507	**	29	-113	-.01	-6	-8
11-14-58 1150470 3589255 5-71					17		14,850	3.61	536						
1362818 WISDF KING DEL8ERT-TWIN.....*		5	19	3-34,35,	40	3.0	14,661	3.74	548	3	44	+296	-.03	+6	+13
04-26-59 1234490 415152D 5-71				74	33		13,992	3.85	538						
1362819 WISDF KING DELVIN-TWIN.....*		6	15	4-34,35,	34	2.4	13,726	3.76	516	D	43	+91	-.D2	+1	+3
04-26-59 1234490 4151520 5-71				63,74	30		13,463	3.83	515						
1362859 OINGLEY OELL CAESAR ADMIRAL...*		10	9	2-31,41	30	2.6	13,580	3.8D	516	30	49	-418	+.D6	-7	-17
05-16-59 121D078 3736169 5-71					12		14,498	3.69	535						
1362884 CAMDEN KING FO8ES.....		1	27	1-52	27	2.0	11,248	3.33	375	13	26	-232	-.04	-14	-18
04-12-58 1293220 3191777 5-71					3		11,962	3.54	424						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF OAU /HO	STATES NO- WITH MOST OAUS	... DAUGHTERS AND HEROMATES ... OAUS HM/OAU	REC/OAU HERDMATE	MILK	%	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1362921 GLENAFTON SPLENDOUR.....*		4	66	1-52	81	2.5	11,445	3.36	384		10	34	-236	.00	-8	-13
03-15-58 010239301 011000D56 5-71					56		11,948	3.36	402							
1363081 NACHES MAOCAP SUPERIOR.....*		1	15	1-91	15	3.0	13,220	3.47	459		20	26	-73	-.02	-6	-7
02-05-59 1249795 3612797 5-71					20		13,453	3.61	485							
1363117 8SH CHIEF EMP LIEGE.....*		3	17	1-47	35	2.8	16,883	3.38	570		12	42	+381	-.09	+1	+11
03-30-59 1300012 41C0529 5-71					47		16,203	3.54	574							
1363132 MONTJOY WALLIE SILVER KING....*		6	3	2-55,58	12	2.4	14,334	3.52	505		27	38	-361	+.01	-11	-18
02-26-58 1190632 3016991 5-71					21		15,447	3.50	540							
1363196 SANOSDALE FONO REFLECTOR.....*		19	6	2-21,23	45	3.0	15,145	3.86	584		5	65	-129	+.11	+11	+6
11-10-58 1298430 4434207 5-71					16		15,501	3.70	574							
1363213 ANOREAS FAIRY DEFENDER.....*		5	70	2-31,64	80	2.7	14,393	3.67	528		13	33	-6	-.01	-1	-1
10-10-59 1130156 3966760 5-71					16		14,467	3.71	537							
1363284 PAGANOK SIR SHIRLEY FOREMOST..*		2	31	1-43	33	3.3	13,214	3.62	479		14	31	-192	+.03	-3	-7
09-17-59 1170426 3287529 5-71					22		13,833	3.55	491							
1363285 SHAWS SCHOOLMASTER FERN SIDE..*		9	5	2-56,57	34	2.2	13,891	3.46	480		10	58	-263	-.04	-15	-19
10-01-59 1181068 3546455 5-71					25		14,387	3.52	507							
1363287 SHAWS SCHOOLMASTER TIOY AIM...*		3	6	1-14	11	3.1	13,936	3.54	494		0	31	-233	-.06	-16	-19
10-16-59 1181068 3997808 9-70					12		14,778	3.76	555							
1363291 ECHO POINT MARK F08ES.....*		3	7	1-23	10	3.2	15,077	3.85	580		0	28	+107	+.01	+5	+7
09-14-59 1313862 4151552 5-71					16		14,781	3.84	568							
1363314 COCHRAN GENERAL PAUL.....*		2	57	1-21	61	3.1	14,975	3.45	516		3	32	-61	+.02	0	-2
04-27-59 1215402 4067130 5-71					30		15,308	3.38	517							
1363393 HAYSSEN O V IMPERIAL.....	41-01	56	2	3-41,42,	73	2.2	15,296	3.50	536		12	81	+1,060	-.07	+28	+51
09-20-59 1309948 3724358 5-71				45	15		13,990	3.58	501							
1363432 ELOERNOTCH ROAMER OLEN.....	21-01	52	1	2-13,21	54	3.0	14,088	3.78	532		16	79	-464	+.16	+5	-8
07-29-59 1102436 3765603 5-71					22		14,760	3.58	528							
1363510 SKOKIE SPOTLIGHT.....*		10	30	2-21,23	69	2.9	15,266	3.50	535		23	47	-8	-.03	-5	-4
09-07-59 1288610 3785611 5-71					26		15,435	3.58	552							
1363511 SKOKIE 8ELLRINGER.....*		12	7	5-21,23,	35	2.4	14,809	3.54	524		11	54	+231	-.06	0	+6
10-11-59 1288610 2878339 5-71				51,52,61	53		14,429	3.67	529							
1363512 SKOKIE DUKE 00U8LE.....*		1	25	1-33	25	2.5	13,902	3.62	503		29	27	-125	-.03	-8	-10
10-21-59 1288610 4096047 5-71					14		14,413	3.75	541							
1363530 LOCVALE M C GOVERNOR-TWIN.....*		3	35	1-51	39	3.6	14,753	3.83	565		3	33	+170	-.01	+5	+9
02-07-59 1025902 3796941 5-71					48		14,263	3.88	554							
1363582 JENSENDALE CARNATION PIEBE.....		1	10	1-41	10	2.5	10,735	3.46	371		57	22	-231	.00	-9	-13
01-18-59 1169417 4060585 5-71					8		11,571	3.53	408							
1363685 OELFKES RAG APPLE.....*		9	14	1-41	36	3.0	13,895	3.56	494		25	46	-383	-.02	-17	-24
11-23-58 1156059 2973623 5-71					12		14,809	3.63	537							
1363715 STEWARTS IMPERIAL 8URK-GOV....*		2	25	1-21	27	2.7	13,666	3.46	473		0	29	+69	-.03	-2	0
10-07-59 1038509 4265704 5-71					19		13,372	3.59	480							
1363849 SKOKIE DUKE REGENT.....*		10	6	2-22,34	26	2.5	15,234	3.57	544		17	48	-23	-.01	-2	-2
09-25-59 1288610 4139081 5-71					24		15,432	3.60	556							
1363865 8IG ROCK ABEGWEIT ARISTOCRAT..*		4	7	1-21	13	2.6	13,589	3.41	464		**	33	-120	-.01	-6	-8
03-29-59 112478D 4018291 5-71					18		13,957	3.46	483							
1363890 YANKTON IOEAL MOSE.....		1	12	1-46	12	2.8	15,923	3.42	544		20	24	+136	-.02	+2	+5
10-28-59 1302774 3768621 1-71					7		15,523	3.47	539							
1364014 NORTEX WINTERTHUR PIONEER.....*		2	5	1-74	10	2.9	16,856	3.36	567		11	30	+201	-.02	+4	+9
08-25-59 1144958 3210293 1-71					19		16,440	3.40	559							
1364081 BAYFIELD OUN F08ES LAO.....*		15	16	4-11,12,	41	2.8	14,954	3.58	536		18	47	+16	-.03	-3	-2
09-15-59 976710 3772366 5-71				16,21	28		15,028	3.65	548							
1364126 GLO-MOR MASTER KING.....*		6	3	2-22,23	11	2.9	14,318	3.62	519		0	37	+268	-.06	+1	+8
01-11-59 1094074 4325370 5-71					12		13,560	3.83	519							
1364134 BURKE MAGIC SATELLITE.....		2	24	1-32	28	2.7	12,972	3.36	436		9	31	-109	-.02	-7	-9
05-10-59 1162188 3925896 5-71					3		13,265	3.45	457							
1364243 CORLAN FARMS IVANHOE PIONEER..	61-02	273	5	17-11,12,	619	1.3	14,714	3.61	531		12	95	-209	.00	-8	-12
09-25-59 1189870 2939718 5-71				33,52,55	26		15,044	3.62	545							
1364244 MARSHFIELD WINTERTHUR KING....		1	69	1-52	69	2.4	11,716	3.68	431		6	29	-187	+.02	-4	-8
09-17-59 1265278 3557957 5-71					3		12,186	3.64	443							
1364301 TUM-A-LUM WOODY WOODMIST.....*		12	9	5-14,15,	38	2.3	15,764	3.68	580		12	52	-157	.00	-5	-8
08-19-59 1263981 3999206 1-71				16,22,23	19		16,302	3.69	601							
1364316 8UDD FARM ROYAL DESIGN.....*		3	30	1-34	39	2.5	13,635	3.81	519		3	33	-265	+.01	-8	-14
10-23-59 1306065 4228442 5-71					22		14,494	3.79	550							
1364341 WINCOWIS MUTUAL CAPTAIN ORMSBY*		12	26	3-41,42,	47	3.4	15,529	3.45	536		5	42	+344	-.03	+8	+16
12-15-58 1144239 3459670 5-71				52	10		14,800	3.51	519							
1364359 LARRO MAGICIAN 8RODKSIOE.....		6	9	1-42	22	3.2	12,542	3.64	456		0	43	-267	.00	-9	-14
11-16-58 1138451 3963925 5-71					8		13,086	3.65	477							
1364400 STEGER BURKE OUKE.....		3	10	1-61	14	2.3	15,608	3.33	520		0	28	+147	-.04	-1	+3
11-15-58 1112211 4336455 5-71					16		15,210	3.48	529							
1364439 PEMREO R A STAR NETHERLAND VIC*		1	41	1-52	41	2.7	11,496	3.73	429		10	29	-422	+.02	-12	-21
10-23-59 1312865 2943663 5-71					18		12,844	3.66	470							
1364519 LYON 8ROOK TOP CAPPER.....*		12	18	1-21	48	3.4	14,414	3.76	542		5	50	-229	+.11	+7	0
02-24-59 1264035 4182218 5-71					21		14,974	3.54	530							
1364574 PIE8E REGAL OALE-MAR.....		3	35	1-48	42	2.3	13,581	3.70	503		9	32	+26	+.03	+5	+5
05-31-59 1253576 4084978 5-71					9		13,452	3.62	487							
1364653 COLLINS-CREST 8URKE IOEAL DON.*	21-01	112	2	5-13,21,	136	3.3	15,351	3.45	530		7	89	+439	-.11	0	+11
04-22-58 1013415 4004934 5-71				22,23,58	22		14,960	3.57	534							
1364674 LANGE RE-CHARITY OICTATOR.....*		4	16	1-35	35	3.3	15,239	3.71	565		8	44	+513	.00	+19	+29
06-26-59 1190953 4435762 5-71					12		14,097	3.71	523							
1364693 R-HALES CHIEF CURTISS.....*		1	16	1-74	16	2.8	13,684	3.77	516		**	26	+111	+.02	+7	+9
07-28-59 1249430 3321383 1-71					23		13,186	3.70	488							
1364780 8ELLE MEADE 8URKE SILVER TIDY.		2	34	1-52	36	2.4	15,081	3.78	570		0	29	+196	+.02	+10	+13
12-30-58 1340619 49D8588 5-71					30		14,449	3.73	539							
1364796 FILBERT MAGICIAN 8ON NEDDIE...*		10	4	5-23,51,	25	2.3	14,173	3.63	515		13	52	-95	-.02	-6	-7
10-06-59 1138451 4219352 5-71				52,56,61	27		14,403	3.69	532							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1364807 HOOOS CHERRY HILL SIR TIRVELDA*		1	14	1-52	14	1.8	12,236	3.74	458	14	22	-143	+.02	-2	-5
06-11-59 1295282 3777526 5-71					14		12,762	3.66	467						
1364918 H S F WALLO ECHO.....*		3	25	3-21,22,	29	1.9	11,824	3.31	391	**	28	-57	-.03	-6	-6
03-18-59 1288105 3752067 5-71				23	11		11,818	3.45	408						
1364919 H S F DEAN WALLIE ORMS8Y.....*		12	5	1-23	21	2.6	13,478	3.53	476	8	48	-625	-.06	-30	-41
08-03-59 1288105 2995399 5-71					13		14,863	3.67	545						
1364965 TULARE INKA LOIS FO8ES.....*		1	31	1-46	31	3.3	11,455	3.48	399	8	29	-250	+.01	-7	-12
10-09-59 1280017 4152638 5-71					7		12,129	3.45	418						
1364991 WORCESTER PIETJE PETE.....		1	12	1-14	12	2.7	13,669	3.80	520	42	23	+91	+.01	+5	+7
10-07-59 1098258 3494455 9-70					28		13,199	3.77	497						
1365029 HARDEN FARMS DUKE ROCKET.....		5	7	1-23	19	2.5	15,574	3.65	569	7	41	+377	-.05	+7	+16
09-12-59 1112211 3379025 1-71					8		14,730	3.78	557						
1365058 LANGE ROYAL ROSE.....	35-21	357	6	11-35,41,	681	1.5	14,623	3.52	514	17	96	+451	-.13	-3	+9
06-14-59 1305460 4050151 1-71				42,43,47	19		14,175	3.67	520						
1365141 WIS MOOSEHEART DIRECTOR.....*	35-21	119	8	8-23,33,	206	1.5	14,993	3.64	545	9	85	-116	-.01	-5	-7
10-25-59 1292880 3373777 5-71				34,35,41	14		15,262	3.65	557						
1365173 TEEQUE PRO KING.....*		2	13	1-57	16	2.1	14,714	3.69	543	0	28	-13	.00	0	0
09-08-59 1139153 2672960 5-71					39		14,854	3.70	549						
1365341 8URKGOV HEILO 8ELLE.....	35-21	372	3	11-35,41,	671	1.3	15,575	3.60	560	12	97	+1,210	-.05	+36	+61
02-09-59 1038509 3999292 5-71				42,43,47	17		14,364	3.65	525						
1365386 CARNATION ROYAL SQUIRE.....*		4	15	1-93	20	2.0	17,297	3.39	586	0	30	+368	-.04	+7	+15
10-07-59 1305460 4434221 5-71					36		16,302	3.48	568						
1365388 CARNATION IDEAL METEOR.....	91-11	11	11	2-91,93	49	2.5	14,177	3.58	507	6	57	-480	+.05	-11	-22
10-24-59 1175596 2866887 5-71					17		15,145	3.51	531						
1365400 CARNATION 8UTTER 8OY WORTHY...*		8	16	2-31,34	57	1.9	15,497	3.41	528	4	52	+603	-.11	+6	+21
09-28-59 1152252 3010586 5-71					34		14,390	3.59	517						
1365430 NE-SHO 8ELMONT PRIDE CRAFTSMAN*		2	11	1-43	13	2.4	14,801	3.52	521	**	26	-147	-.01	-6	-9
09-27-59 1130632 4237189 5-71					18		15,526	3.55	551						
1365434 GLAOTIME INGE.....*	21-01	88	1	3-13,21,	95	2.9	13,747	3.62	497	14	87	-626	+.04	-17	-30
09-15-59 956081 3594768 5-71				23	21		14,531	3.57	519						
1365461 SHANGHIGH EXEC TOPPER HER8ERT.*		2	16	2-31,61	18	2.4	12,569	3.60	453	7	27	-193	+.01	-5	-9
02-28-59 1270830 3789089 5-71					8		13,208	3.57	472						
1365462 SHANGHIGH EXEC TOPPER WILLIE..*		2	20	2-31,63	22	2.7	13,323	3.58	477	13	29	-65	+.01	-1	-3
03-03-59 1270830 3606305 5-71					38		13,511	3.57	482						
1365517 MERKING SIR DELLA.....		5	15	1-54	51	2.8	12,636	4.08	515	17	53	-626	+.16	-1	-17
07-21-59 1151349 3280679 5-71					46		13,803	3.77	520						
1365560 VERNWAY ROYAL LANCER VICTOR...*		2	9	1-91	11	2.6	11,348	3.65	414	**	25	-436	+.02	-13	-22
11-05-58 1269047 3851351 5-71					25		13,011	3.57	465						
1365865 RAGOSA NICK LEAOER.....*		3	16	1-35	21	3.9	12,599	3.84	484	0	33	-168	+.04	-1	-5
07-07-59 1150470 3827448 5-71					12		13,016	3.74	487						
1365877 RIVER VALLEY T N AJAX.....*		6	2	2-14,21	10	2.9	14,755	3.50	516	29	36	-269	-.05	-16	-20
10-07-59 1264035 4201128 5-71					23		15,686	3.63	569						
1365896 KNOTTY OAK MATADOR ORMS8Y.....*		5	4	3-13,14,	15	3.5	16,195	3.49	566	8	44	+531	-.03	+15	+26
10-24-59 1297727 4609606 5-71				21	21		15,108	3.54	535						
1365908 MAVIEW SIR MAPLE FOREMOST.....*		17	12	6-11,12,	47	2.5	15,692	3.85	604	27	54	-52	+.07	+8	+5
10-15-59 1170426 2978190 5-71				14,15,16	31		15,996	3.74	599						
1365941 LOCKWAY AIRLAND LUCIFER.....*		2	23	1-23	27	3.2	10,914	3.76	410	33	30	-342	+.06	-4	-12
12-17-58 1165012 4296554 5-71					15		11,853	3.52	417						
1365998 GREEN 8ANKS 8URKGOV HEADMAN...*		3	26	1-21	38	2.6	14,882	3.51	523	6	36	+65	-.02	0	+2
11-21-59 1038509 3920624 5-71					29		14,786	3.57	528						
1366010 EXRANCO EL PICADOR.....	93-03	14	42	2-86,93	185	2.0	16,530	3.64	601	19	62	+249	+.02	+12	+16
08-11-59 1032011 3876857 5-71					139		16,371	3.60	590						
1366011 EXRANCO EL TORO.....	93-03	25	66	4-43,86,	400	1.6	17,923	3.68	659	12	69	+980	+.07	+46	+64
09-17-59 1032011 3816768 5-71				91,93	109		16,776	3.59	602						
1366097 LACHUT MONTVIC COUNT.....*		5	34	1-12	43	3.1	15,691	3.56	559	12	34	+198	-.02	+4	+8
10-21-59 1265166 4125089 5-71					10		15,245	3.61	551						
1366114 KINGSTEAD PA8ST JEWEL.....*		3	29	1-47	43	2.2	14,741	3.35	494	21	35	+195	-.06	-1	+4
05-06-59 1232296 3787096 5-71					20		14,203	3.51	498						
1366194 E-STRICKLER INSIGNIA 8ARNEY...		3	20	1-48	56	2.5	16,586	3.27	543	11	50	+392	-.17	-10	+2
10-10-59 1179372 3750657 5-71					19		16,009	3.57	571						
1366229 LOCKWAY SOVEREIGN LUCIFER LAD.*	35-21	494	6	23-13,23,	1,364	1.5	15,094	3.80	573	12	98	+169	+.14	+26	+26
12-18-58 1165012 3330455 5-71				34,35,51	23		15,030	3.67	551						
1366256 FUTURE HOPE JANET LEADER.....*		1	34	1-35	34	2.6	12,155	3.46	421	27	28	-384	.00	-14	-22
09-07-59 1302074 3209967 5-71					10		13,502	3.50	472						
1366298 NOWISCO CHOICE.....*		8	11	3-23,35,	36	3.8	13,063	3.90	509	6	52	-209	+.10	+6	0
06-29-59 1205698 4203488 5-71				74	31		13,413	3.70	496						
1366320 C S P F GENODALE FAYNE LEO....*		2	24	1-16	48	2.1	17,335	3.73	647	13	41	+296	.00	+10	+16
01-07-59 922288 3320590 5-71					72		16,910	3.76	635						
1366437 CAPTAIN 8LACK KNIGHT.....*		2	10	1-35	12	2.3	13,844	3.61	500	20	25	-264	.00	-10	-15
07-24-59 1152241 3627773 5-71					11		15,003	3.64	546						
1366499 DISTINCTION MASTER SIS.....*		6	23	2-33,35	34	3.0	14,029	3.71	521	10	36	-282	-.06	-19	-23
11-13-59 1305460 3083051 5-71					16		14,913	3.92	584						
1366552 TUTTLE ACRES MADCAP SILVER....*		6	3	1-35	13	3.3	15,408	3.45	532	0	40	+198	-.05	0	+5
07-02-59 1269015 4438742 5-71					8		15,025	3.58	538						
1366559 ROBIN KNOLL TRIUNE 8EAU VAR...*		2	5	1-33	10	3.5	14,983	3.64	545	0	32	+340	-.02	+9	+16
10-03-59 1074404 3594500 5-71					6		13,926	3.73	519						
1366603 DEAN WESTSIDE RAVEN.....*		6	6	1-21	21	3.5	15,462	3.34	516	18	46	+209	-.08	-4	+2
09-28-59 1113350 4252586 5-71					25		15,120	3.50	529						
1366662 WOODSMILL CONRAD ROCK.....		1	10	1-21	10	3.2	16,277	3.39	552	0	24	+174	-.03	+2	+6
08-22-59 1124780 4010244 9-70					13		15,719	3.48	547						
1366696 PAGANOK FAVORITE VERSA-TWIN..*		6	3	3-43,71,	11	1.5	15,171	3.55	538	38	32	-51	+.02	+1	0
11-14-59 1303826 4040105 1-71				73	9		15,487	3.47	538						
1366849 DEAN LYONEL CONOY FARMS.....*		1	13	1-23	13	3.5	14,164	3.64	516	9	26	+13	.00	0	0
11-22-59 1131061 4073176 1-71					33		14,133	3.69	522						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF OAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/OAU HERDMATE	MILK	%	FAT	% 1ST INC	% REPT	PREDICTED DIFFERENCES MILK	%	FAT	$$
1366900 WOODY PARADER CHAMPION.....*		6	6	1-32	18	2.2	16,609	3.28	544	13	39	+804	-.09	+15	+33
09-08-59 1303371 4391067 5-71					17		14,620	3.47	507						
1366901 ROSCOE CHAMPION ROSE.....*		4	7	1-32	12	2.5	10,873	3.85	419	0	30	-468	+.04	-11	-21
11-24-59 1303371 4521953 5-71					10		12,252	3.71	455						
1366914 JAN-AR MAGIC RETRIEVER.....*		8	8	2-31,64	35	2.7	15,238	3.35	511	9	54	+332	-.12	-5	+4
08-27-59 1138451 3101727 5-71					15		14,697	3.57	525						
1366919 KNOLLSIDE COUNT MARVE.....*		2	22	1-41	24	2.8	14,276	3.60	514	**	28	-238	-.02	-11	-15
10-06-59 1308419 3659751 5-71					22		15,248	3.69	563						
1366933 HILLSIDE SUPER8.....*	51-02	53	10	4-23,51,	99	1.7	14,125	3.97	561	14	71	-257	+.18	+16	+7
06-20-59 1298430 3846713 5-71				52,54	26		14,548	3.73	543						
1367001 KING REROYAL 8URKE.....*		2	16	1-57	18	2.8	13,700	3.56	488	13	28	-81	+.01	-2	-4
08-28-59 1192713 3037211 5-71					74		13,998	3.56	498						
1367006 8ENNA COUNT INKA RAVEN.....		1	13	1-42	13	1.4	14,098	3.43	484	**	21	+44	-.02	-1	0
10-09-59 1287319 4264075 1-71					2		13,879	3.53	490						
1367014 OOREIGH FARMS NOEL LUCIFER....*		13	3	1-21	21	1.9	15,827	3.73	591	0	51	-80	+.04	+2	0
11-10-59 1315498 2734352 5-71					28		16,212	3.68	596						
1367027 MACSFARM ECHO DICK GENERAL....*	63-02	19	7	1-63	42	2.7	13,216	3.69	488	13	61	-202	+.06	+1	-4
07-13-59 1227400 3121956 5-71					19		13,507	3.58	484						
1367061 ADOHR GOLOEN FAME.....*		15	7	2-74,93	37	2.1	16,758	3.60	604	3	56	-47	+.03	+2	0
07-23-59 1215448 3687686 5-71					43		17,166	3.56	611						
1367141 GREENCOWIS MADCAP HARTOG.....*		4	5	2-33,35	14	2.0	12,080	3.49	422	33	35	-336	-.03	-16	-22
10-16-59 1152252 4611681 1-71					13		12,933	3.60	466						
1367171 FARMSTEAD INKA MUTUAL-TWIN....*		6	11	1-34	32	2.5	13,212	3.70	489	14	47	-53	+.02	+1	-1
12-06-59 1314338 3778012 5-71					19		13,260	3.67	486						
1367174 LEADER EDNA HERMAN.....		1	11	1-21	11	3.6	12,522	3.81	477	0	25	-341	+.08	-1	-10
07-16-59 1216957 4500949 5-71					29		13,868	3.48	482						
1367262 HOWVALE HOMESTEAD CLYDE.....*		7	20	2-12,13	34	2.5	12,154	3.68	447	23	37	-421	-.01	-16	-24
12-21-59 1038118 2987440 5-71					39		13,209	3.71	490						
1367271 PREVIEW RE8URKE STARLIGHTER...		5	7	2-34,43	16	1.3	13,115	3.74	491	17	31	+85	+.01	+4	+6
11-17-59 1112211 4322963 1-71					9		12,722	3.75	477						
1367288 HAWKEYE E LEADER DON.....*		5	25	2-48,84	37	2.5	13,750	3.41	469	12	36	-337	+.01	-11	-18
04-08-59 1150470 3295739 5-71					14		14,783	3.40	502						
1367294 WIL-O-WHIT REFLECTION MODEL...*		3	40	1-87	44	2.8	12,608	3.78	476	**	31	-152	+.04	0	-4
07-02-59 1294703 4523978 5-71					13		13,004	3.63	472						
1367331 GOLOEN DAIRY DEAN.....*		1	16	1-42	16	2.6	11,737	3.89	457	6	25	-259	+.04	-4	-10
08-29-59 1356736 3454888 5-71					4		12,638	3.77	476						
1367332 WALHOWOON VERNON TITAN.....*		4	27	1-12	34	3.0	14,934	3.75	560	7	33	-177	+.02	-4	-8
08-10-59 1246708 4201836 5-71					27		15,635	3.74	584						
1367350 RAGNEL CURTISS.....		3	8	2-21,46	13	1.9	12,069	3.60	434	45	27	-360	+.03	-9	-17
12-04-58 934577 3872801 5-71					15		13,326	3.50	466						
1367352 THONYMA LEADER SENATOR.....*	31-02	174	12	18-31,43,	425	1.5	14,699	3.51	516	14	90	+119	-.10	-10	-5
06-28-59 1302559 3417595 5-71				48,55,56	29		14,637	3.63	531						
1367353 THONYMA ROYAL PRINCE.....*	31-02	235	9	27-31,43,	554	1.4	15,473	3.68	569	11	93	+262	+.06	+18	+22
07-15-59 1113350 4240668 5-71				48,56,57	24		15,331	3.62	555						
1367515 PA8ST CAPTAIN DUKE.....		2	41	1-61	76	2.0	13,463	3.68	495	19	42	+1	+.01	+2	+2
09-17-59 1144239 3391625 5-71					26		13,406	3.66	490						
1367659 CASH-MAR 8ENEFACTOR MAGGIE....*		7	3	2-32,65	12	1.6	13,458	3.74	503	14	36	-288	+.06	-2	-9
11-14-59 1301462 4564963 5-71					21		14,308	3.59	513						
1367752 CHINOOK JEWEL DON.....*		10	8	4-82,84,	41	2.8	14,635	3.38	494	3	59	-191	-.05	-14	-17
05-16-59 1226459 3194992 5-71				91,93	15		15,075	3.46	521						
1367783 HAZEL 8USH IDEAL DICTATOR.....		5	10	3-23,35,	18	2.3	14,095	3.74	527	**	33	-349	+.03	-8	-16
01-31-59 1150470 3523812 5-71				41	10		15,295	3.67	561						
1367794 SEQUOIA EVA IDEAL JO LAD.....		2	23	1-93	25	1.2	16,747	3.25	544	**	24	+347	-.05	+6	+14
09-16-59 1289173 4431192 5-71					78		15,430	3.38	522						
1367840 HAWTHORN SARACEN.....		4	19	3-21,33,	34	1.8	12,532	3.41	427	15	37	-130	-.04	-10	-12
10-10-59 1326250 2949599 5-71				57	60		12,772	3.55	453						
1367863 ELM RIDGE VALOR CAPTAIN.....*		6	18	2-35,46	44	2.5	13,470	3.73	502	18	45	-277	+.02	-7	-13
08-12-59 1314923 2896978 5-71					19		14,099	3.70	522						
1367904 HOWACRES HOMESTEAD MISTER DON.*		2	13	2-13,21	15	3.5	12,539	4.01	503	0	29	-353	+.06	-5	-13
07-16-59 1038118 3697471 5-71					21		13,748	3.83	526						
1367925 STERLINGDALE LEADER LOUIE.....	35-75	524	5	39-21,35,	911	1.3	13,852	3.73	517	12	97	-583	+.11	-6	-20
03-16-59 915940 3890094 1-71				41,55,58	33		14,512	3.63	527						
1367977 KING 8ESSIE 8ONANZA.....*		3	37	1-93	41	1.9	16,486	3.15	519	11	28	+246	-.10	-5	+2
10-22-58 1281862 3798412 5-71					62		15,807	3.44	544						
1367991 SLEEPY HOLLOW GOLDEN PAPOOSE..*		2	8	1-93	10	1.8	15,359	3.87	595	20	23	-280	+.04	-4	-11
09-24-59 1126307 3618241 9-70					96		16,873	3.73	629						
1368057 HARDEN FARMS OUKE A8E PA8ST...*		3	31	1-21	62	2.9	16,606	3.75	622	8	44	+443	-.01	+14	+23
04-22-59 1112211 3564323 5-71					83		15,794	3.81	601						
1368109 ARLINDA 8ELLRINGER.....	33-03	414	4	38-21,23,	621	1.3	15,007	3.60	540	12	96	+282	-.03	+6	+12
07-12-59 1283917 4022411 1-71				35,41,93	25		14,798	3.63	537						
1368120 LOGWOOD COL LAWTCN.....*		5	12	2-23,51	20	2.3	12,509	3.52	440	0	33	-241	-.02	-12	-16
10-11-58 1267804 3548163 5-71					14		13,169	3.63	478						
1368171 KUESTER 8URKE DON.....*		2	8	1-23	11	1.8	12,690	3.62	459	**	24	-163	+.01	-5	-8
03-03-59 1084039 3188276 5-71					11		13,309	3.64	484						
1368176 ALLEN8Y ORMS8Y PETE-TWIN.....*		2	20	2-35,41	22	2.8	13,852	3.79	525	5	29	-132	+.03	-1	-4
11-23-58 1227420 3097698 5-71					69		14,353	3.73	535						
1368182 CHRISTY SUPERIOR.....		5	8	1-35	25	2.2	14,951	3.52	527	0	45	+179	-.02	+4	+8
07-29-59 1265747 3108980 5-71					12		14,619	3.56	520						
1368201 OKLASTAPEN 8EAUTY GOVERNOR....*		4	43	1-73	49	2.4	14,155	3.46	490	33	30	-279	.00	-10	-16
09-08-59 1314062 4199740 5-71					43		15,206	3.47	528						
1368233 MAYERS DUKE 8LACKIE.....*		2	33	1-35	42	3.6	11,978	3.78	453	11	35	-414	+.06	-7	-17
07-29-59 1293580 3956699 5-71					20		13,072	3.63	474						
1368234 MAYERS DUKE FELIX-TWIN.....*		4	9	3-35,42,	18	2.4	13,952	3.50	489	29	36	+34	-.04	-4	-2
08-08-59 1293580 4012937 5-71				65	17		13,848	3.63	502						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	%	FAT	%	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1368237 MAYERS DUKE OARK MASTER.....*		6	15	3-35,61,	24	3.5	14,915	3.59	536	0	37	+148	+.02	+8	+10
09-12-59 1293580 4416619 5-71				63	18		14,571	3.54	516						
1368243 MAYERS DUKE KING JOHN.....*		5	26	2-35,42	37	2.9	12,563	3.49	438	10	35	+41	-.03	-3	-1
10-07-59 1293580 4650611 5-71					9		12,281	3.62	444						
1368249 MAYERS DUKE LESTER.....*		1	22	1-35	22	3.1	12,240	3.77	461	24	28	-406	.00	-15	-23
12-02-59 1293580 3784070 5-71					17		13,696	3.80	520						
1368253 MAYERS OUKE 8LACK 8ILL.....*		11	8	2-32,65	35	2.5	13,712	3.56	488	0	54	-381	-.03	-18	-25
01-01-60 1293580 3309696 5-71					10		14,477	3.63	526						
1368257 GREEN-TOP MAYERS 8UTTER8OY....*		14	7	2-35,65	34	3.1	14,679	3.58	525	17	56	-45	-.02	-5	-5
10-18-59 1152252 4386831 5-71					15		14,852	3.64	540						
1368262 MAN-O-WAR 8 F CRESCENT-TWIN...*		5	13	3-31,57,	22	2.6	15,026	3.02	454	15	35	-321	-.01	-13	-19
07-22-59 1188731 3380264 5-71				64	52		16,173	3.05	494						
1368263 MAN-O-WAR 8 F CRESCENT ANOY...*		6	7	3-13,21,	20	3.8	13,403	3.27	438	18	45	+105	-.12	-13	-8
07-30-59 1188731 4038418 5-71				35	21		13,084	3.56	466						
1368308 STIMSON DICTATOR RANOY.....*		2	11	1-34	14	1.9	10,581	3.68	389	17	26	-500	+.02	-16	-26
08-23-59 1261983 4010802 5-71					30		12,325	3.65	450						
1368319 LAVACRES OUSTY CORKY.....	92-01	27	2	3-87,91,	35	2.4	13,946	3.68	513	14	68	-482	+.05	-11	-22
12-14-59 1205185 3948865 5-71				92	16		14,734	3.62	534						
1368324 LAVACRES DICTATOR DUSK.....*		6	27	2-86,93	54	2.5	14,826	3.63	538	11	43	-651	+.07	-14	-29
12-06-59 1204163 4410124 5-71					25		16,613	3.50	582						
1368353 PRAIRIE ROSE CHARLIE.....		7	2	3-31,43,	10	1.0	14,626	3.58	523	0	31	+73	+.02	+5	+6
09-08-59 1258764 3945944 5-71				55	10		14,441	3.50	506						
1368362 GILL-ARO RAVEN JIM.....		2	29	1-33	31	2.9	11,569	3.87	448	17	30	-395	+.05	-7	-16
10-27-59 1183498 3835125 5-71					4		12,780	3.70	473						
1368384 CAERNARVON MISTRESS FOREMOST..*		14	4	2-22,23	22	2.7	14,577	3.75	547	17	51	+79	.00	+3	+5
10-01-59 1121323 3164178 5-71					12		14,476	3.77	546						
1368397 QUINNLANO PA8ST 8ECKY LUXWOOO.*		2	22	1-43	24	2.9	13,070	3.48	455	13	29	-366	+.01	-12	-19
06-30-59 1216957 3409550 5-71					16		14,394	3.47	500						
1368406 HOME CREST SANORA MI PRINCE...*		2	9	1-33	11	2.3	13,199	3.95	522	**	25	+52	+.01	+3	+4
02-16-59 1113734 4024012 5-71					13		12,887	3.97	511						
1368419 KINGSTEAD CHAMPION OVATION....*		8	12	4-35,51,	40	2.7	14,846	3.67	545	5	50	-305	-.02	-14	-20
11-26-59 1024856 3936432 5-71				52,55	28		15,621	3.73	583						
1368494 8ORCHCREST WILCE 8OY.....*		2	20	1-81	25	3.0	13,390	3.45	462	20	32	-421	-.04	-21	-28
10-19-58 1090981 3082752 5-71					3		14,784	3.62	535						
1368543 LEA INN JOLEEN PIONEER.....*		9	10	2-33,42	28	3.0	13,055	3.51	458	8	47	-396	-.04	-20	-27
11-04-59 1301491 3357686 5-71					11		13,901	3.63	504						
1368587 PASTURE LANE LEAOER.....*		3	17	1-34	21	3.0	15,158	3.79	575	12	31	-34	.00	-1	-2
11-06-59 1150470 3616399 5-71					4		15,420	3.84	592						
1368658 KING PERFECTION ORMS8Y CAREY..		1	19	1-35	19	2.0	11,545	3.66	422	**	24	-286	+.01	-9	-15
01-26-59 1206167 4582063 5-71					4		12,587	3.65	459						
1368763 UNH 8URKE IOEAL GRADUATE.....*	21-10	1,684	4	13-11,13,	3,588	1.4	15,638	3.41	534	14	99	+268	-.16	-13	-4
06-14-59 1113350 4031317 1-71				14,21,23	24		15,526	3.56	553						
1368793 PA8ST CAPTAIN DEAN.....*		14	36	2-61,63	118	2.2	15,862	3.63	576	13	55	+620	-.01	+21	+34
10-15-59 1144239 3365310 5-71					35		14,827	3.65	541						
1368801 GYPSIE OISTINCTION IOEAL.....*		3	6	1-41	11	1.7	12,411	3.64	452	0	27	-348	-.02	-15	-21
11-13-59 1291724 4647157 5-71					9		13,666	3.73	510						
1368957 OISTINCTION 8UTTER 8OY.....*		9	10	2-35,41	28	2.9	14,572	3.55	518	30	45	+77	-.03	-2	0
07-04-59 1152252 3731015 5-71					15		14,452	3.65	527						
1369029 MAVIEW VICTOR LAIRD.....	52-01	237	5	4-52,54,	563	2.7	14,533	3.61	524	10	96	+373	+.03	+18	+25
10-07-59 1142734 4141124 9-70				55,56	29		14,167	3.56	505						
1369030 MAVIEW FRANK PILOT FERN.....*		18	3	5-11,12,	30	2.5	15,157	3.69	559	4	61	+134	+.06	+13	+14
11-28-59 1141276 3804035 5-71				13,14,16	19		15,048	3.60	541						
1369031 MAVIEW ARTHUR FERN.....*		2	20	1-11	25	3.3	14,570	3.82	557	17	32	-132	+.03	0	-3
12-13-59 1141276 3530163 5-71					19		15,095	3.73	563						
1369124 HAZEL 8USH WIS MUTUAL.....		1	42	1-35	42	1.5	10,132	3.53	358	63	25	-509	-.03	-23	-32
10-19-59 1144239 4020642 5-71					8		11,992	3.74	448						
1369130 CAROLOALE DUKE.....*		9	30	3-31,64,	48	3.1	13,139	3.59	472	7	39	+58	.00	+2	+3
09-28-59 1112211 3166394 5-71				65	23		12,883	3.59	462						
1369144 CLYDE HILL CORONA ORMS8Y FAY..*		3	41	3-32,48,	47	2.0	14,136	3.66	518	4	29	+218	-.01	+7	+11
08-15-59 1236901 3700351 1-71				74	44		13,334	3.71	495						
1369263 SKAGVALE CHARMING CONTENOER...*		4	12	1-91	17	3.6	13,096	3.72	487	0	33	-372	+.03	-9	-17
09-03-59 1227779 3311181 5-71					11		14,268	3.64	520						
1369264 MERCEOES MA8EL PEARL KARMA....		6	36	1-48	64	2.6	12,883	3.40	438	6	42	+329	-.06	+3	+11
10-25-59 1329476 4532275 5-71					6		11,891	3.57	424						
1369285 HOODS CHERRY HILL PILOT L.....		1	41	1-12	41	4.1	13,543	3.68	498	0	32	+68	-.01	+1	+3
11-24-59 1094305 4525849 5-71					13		13,260	3.73	495						
1369321 LOCUST 8ROOK R A PETER-TWIN...*		1	22	1-21	22	3.2	14,721	3.48	513	0	28	-2	.00	0	0
03-28-59 1251307 3148460 5-71					32		14,819	3.48	515						
1369349 PRINCE MADCAP 8URKE PAUL.....*		1	16	1-92	16	2.4	12,589	3.45	434	**	25	-3	.00	0	0
10-28-59 1288206 4331488 5-71					22		12,456	3.44	428						
1369404 SHUR-POLL 8URKE ORMS8Y P.....*		15	16	5-50,52,	43	2.8	13,739	3.78	519	0	48	+306	+.03	+15	+20
01-06-58 1229660 3163485 5-71				55,56,58	14		13,010	3.73	485						
1369480 AL-LOU-JAN RAVEN DUNLOGGIN....		3	26	1-93	30	2.6	15,018	3.86	580	20	30	-284	+.09	+2	-6
07-15-59 1113350 3654690 5-71					16		16,186	3.60	583						
1369494 STEWART IVANHOE ORMS8Y.....*		3	9	1-41	13	2.6	14,057	3.76	528	30	28	-504	+.05	-12	-23
12-12-59 1287090 4531739 5-71					16		16,061	3.63	583						
1369497 M V 8 A 8ENEFACTOR GENERAL....	41-01	88	2	3-41,45,	108	2.3	13,631	3.69	503	8	87	-92	+.08	+8	+4
05-31-59 1132684 3870587 1-71				46	14		13,716	3.59	493						
1369498 M V B A COMMANOO MAID KELLY...	41-01	157	2	5-41,42,	194	2.0	14,012	3.45	484	16	92	-26	-.12	-18	-16
08-13-59 1072328 2958623 5-71				45,46,87	17		14,052	3.59	505						
1369664 ALTEX IDEAL.....*		2	15	1-74	19	2.0	13,664	3.51	479	0	28	+103	-.01	+2	+4
09-03-59 933122 4121255 5-71					25		13,218	3.56	470						
1369703 VERNWAY ADMIRAL SAMISH.....*		1	27	1-91	27	3.3	13,656	3.50	478	**	29	-86	.00	-3	-5
08-11-59 1080108 3206985 5-71					9		13,957	3.52	491						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEIRS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1369903 TIDY BURKE PEARL LARRY.....*		6	21	1-35	37	2.4	16,330	3.29	537	7	39	+268	-.10	-5	+3
11-22-59 1212740 3529600 5-71					11		15,831	3.52	558						
1369904 HOLLYHOCK GLENN.....*		4	4	1-23	11	1.4	13,129	3.79	498	**	29	-347	+.02	-10	-17
01-14-60 1102436 4217639 5-71					12		14,383	3.76	541						
1369929 MAKIDA PAYMASTER.....*		6	7	1-41	16	2.2	15,764	3.73	588	17	35	+244	-.02	+6	+11
09-26-59 1054310 4503449 5-71					9		15,195	3.82	580						
1370004 CASH-MAR BENEFACTOR GALAX-TWIN*		16	13	8-32,34,	47	2.4	13,131	3.63	477	14	53	-375	-.01	-15	-22
11-20-58 1301462 2701231 5-71				57,63,81	20		13,835	3.66	507						
1370133 IDEAL GYPSIE BUTTER BOY.....*		11	2	2-45,46	14	2.9	12,336	3.70	456	14	47	-498	+.04	-13	-24
01-15-60 1152252 4097386 5-71					13		13,335	3.62	483						
1370173 GREEN MEADOW REWARD PRIDE.....	35-21	165	5	8-35,41,	250	1.3	14,418	3.71	535	13	89	+269	+.02	+13	+18
09-08-59 1303180 4172040 1-71				42,43,47	15		14,135	3.69	522						
1370182 IDEAL OYKES MUTUAL SEVENTEEN..		1	22	1-74	22	2.2	16,025	3.23	517	5	26	+327	-.02	+9	+16
07-28-59 1360660 4001518 5-71					11		14,836	3.24	481						
1370237 HOOSIER DELL CONFIDENT MASTER.*		1	11	1-32	11	3.4	14,216	3.52	501	0	25	+176	-.04	0	+5
01-02-60 968783 3156307 5-71					10		13,462	3.75	505						
1370250 AROEAN RAVEN KIRK.....		1	12	1-41	12	2.4	15,247	3.55	542	18	23	+287	-.03	+6	+12
10-16-59 1313603 3830231 5-71					10		14,029	3.71	520						
1370264 CHURCH FARM R A STARLIGHT.....*		8	15	2-42,43	31	2.4	11,354	3.71	421	15	40	-275	+.01	-8	-14
03-02-59 1186157 3000595 5-71					47		11,827	3.69	437						
1370290 WECD TREASURE GREEN VALE.....*		5	6	1-34	19	2.7	11,554	3.64	420	28	42	-482	+.01	-16	-26
04-02-59 1028260 3484196 5-71					16		12,557	3.62	455						
1370383 HORSE PEN HILL LITTLE JOE.....	52-01	8	2	1-52	11	3.4	15,563	3.71	578	0	43	+223	+.03	+12	+16
10-08-59 1114553 4148518 5-71					24		15,164	3.67	556						
1370465 ALBRECHT REX DE KOL.....*	41-25	14	4	2-41,45	25	2.4	13,955	3.53	492	9	54	-255	-.05	-16	-20
12-07-59 1297169 3614038 5-71					11		14,486	3.63	526						
1370467 RAVENGLEN SHAMROCK TRIUNE.....*		3	22	1-35	26	3.0	16,583	3.60	597	4	31	+255	-.03	+5	+11
01-12-60 1320727 3534305 5-71					7		15,970	3.69	590						
1370469 RAVENGLEN CITATION TRIUNE.....*		24	7	12-32,33,	61	2.5	14,556	3.37	491	3	69	+290	-.11	-5	+3
08-30-59 1297169 4658933 5-71				35,63,91	15		14,155	3.53	499						
1370471 RAVENGLEN ADMIRAL TRIUNE.....*	33-03	18	19	7-11,13,	71	2.2	14,976	3.73	559	15	55	+37	-.01	0	+1
01-02-60 1050848 3956096 5-71				33,35,42	26		15,016	3.76	565						
1370472 RAVENGLEN TRIUNE PRINCE 2D...*		5	11	3-33,35,	28	2.9	14,649	3.71	543	12	44	-94	-.03	-7	-8
01-04-60 1050848 4218013 5-71				87	16		14,970	3.80	569						
1370490 TWINGAP OUNLOGGIN SPARKIE.....*		3	14	1-23	19	3.1	13,585	3.75	510	11	32	-334	.00	-12	-19
03-23-59 1168575 3311126 5-71					11		14,717	3.78	557						
1370538 BARTELS COMRE CLIFF LAD.....*		10	7	2-35,41	22	1.5	15,685	3.84	602	9	40	+450	+.08	+28	+35
08-11-59 1242338 4055738 5-71					13		14,616	3.66	535						
1370549 BARRETT RANCH TRAILBLAZER.....*		4	14	1-12	28	3.5	14,429	3.67	529	8	42	-429	-.03	-20	-28
12-14-59 1113350 3964148 1-71					27		15,628	3.77	589						
1370551 STYLEMASTER OF RICHMAN FARMS..*		10	10	1-31	30	2.3	14,523	3.77	547	8	45	-11	+.09	+12	+10
08-26-59 1157798 3966729 5-71					19		14,617	3.58	523						
1370571 NDEL PILOT PRINCE.....*		4	27	1-21	34	3.6	16,413	3.48	571	3	35	+298	+.02	+13	+19
11-24-59 1094305 3931048 5-71					22		15,738	3.41	537						
1370604 HURLWOOD HAZEL MARATHON VIKING*		4	31	2-16,21	37	2.3	13,399	3.70	496	20	31	-117	+.03	0	-3
08-14-59 1243126 3841388 5-71					19		13,769	3.63	500						
1370614 HAYSSEN OAKK VICTORY.....*	35-05	38	2	3-33,35,	56	2.6	14,416	3.50	504	27	76	+216	-.10	-7	0
01-20-60 1309948 2673061 5-71				41	14		14,154	3.65	516						
1370630 CHERRYBOLO E L NICK.....*		2	57	1-35	59	3.1	16,738	3.52	589	6	31	+304	-.02	+8	+15
12-25-59 1150470 3448324 5-71					25		15,963	3.56	569						
1370633 CHERRYBOLO LYON BROOK WALLIE..*		9	13	4-35,51,	31	2.6	13,443	3.48	468	12	43	-150	-.01	-7	-10
12-13-59 1190632 3360018 5-71				73,85	17		13,781	3.53	486						
1370640 OIBBLE CRESCENT NOBLEMAN.....*		3	18	2-56,74	25	2.9	14,115	3.39	479	0	33	-320	-.02	-14	-20
09-21-59 1276617 3483804 5-71					70		15,208	3.45	525						
1370702 PATANKONK BUSTER IMPY.....*		1	26	1-21	26	3.4	14,136	3.35	473	0	30	-11	-.02	-3	-3
11-08-59 1085978 3330482 5-71					24		14,203	3.41	484						
1370724 BY-GEMS HIGHTELL SKY JAY-TWIN.		2	5	1-35	10	3.4	14,943	3.47	519	13	30	+64	-.02	-1	+1
08-07-59 1306662 4213166 5-71					12		14,818	3.58	530						
1370809 ROMEO FOBES BURKE BENEFACTOR..		2	6	1-41	12	5.3	13,917	3.73	519	0	36	-86	+.04	+2	-1
10-09-58 1132684 4199945 1-71					13		14,187	3.62	514						
1370843 SCOBAR WORTHY KASTRO.....*		1	29	1-21	29	3.2	15,060	3.39	511	12	29	+46	-.05	-6	-4
10-22-59 1124780 3485974 5-71					12		15,006	3.59	538						
1370880 SHOCH MANOR TORPEDO COMET.....*		3	9	2-23,57	14	2.1	13,805	3.47	479	46	28	-204	.00	-7	-11
10-20-59 1178950 3046102 5-71					24		14,600	3.49	509						
1370886 NAKOTA EMINENT CONQUEROR.....*		3	12	1-45	16	2.0	10,460	3.62	379	18	28	-249	.00	-9	-14
01-19-60 1297273 4178232 5-71					11		11,074	3.65	404						
1370898 ARLINDA FORTY-NINER SPARKIE...*		1	27	1-91	27	2.8	15,708	3.41	536	10	28	+235	-.03	+4	+9
09-22-59 1283917 4399660 5-71					65		14,974	3.49	522						
1370904 PENSTATE PATHFINDER IVANHOE...*		132	1	19-21,22,	158	1.5	13,816	3.60	498	**	89	-321	-.01	-13	-19
10-24-59 1189870 2472441 5-71				23,34,52	25		14,202	3.63	515						
1370969 WILCOX FARM DUKE CHARLES.....*		3	14	1-16	28	2.3	16,015	3.67	587	7	39	+360	+.02	+16	+23
08-09-59 989939 3838079 5-71					22		15,218	3.63	552						
1371179 NORTHMOOR SUN DANCE.....*		9	7	1-21	26	4.1	16,903	3.76	636	13	52	+406	+.04	+20	+27
04-02-59 1291238 4116213 5-71					29		16,363	3.71	607						
1371183 SIR BESS ORMSBY MODEL.....*	35-05	110	2	6-32,33,	164	1.7	14,305	3.46	495	20	89	+47	-.16	-21	-16
01-02-60 1267764 3705003 5-71				35,41,42	18		14,286	3.65	521						
1371216 VIGO IDEAL LEADER.....	35-21	135	6	7-35,41,	205	1.4	14,718	3.54	521	14	86	+278	-.11	-5	+3
10-01-59 1013415 4348915 5-71				42,43,48	17		14,445	3.68	531						
1371238 ALTURA WENDY PILOT.....		1	27	1-41	27	3.3	11,138	3.82	425	5	29	-279	+.07	0	-7
10-09-59 1175596 4035009 5-71					8		11,905	3.50	417						
1371250 PARK GROVE BLACK JEWEL.....*		2	26	2-33,34	28	2.3	15,089	3.75	566	0	28	+155	+.01	+7	+10
10-26-59 1169417 4159241 5-71					18		14,605	3.73	545						
1371258 KNOWLMONT PIPER JIM.....*		2	10	1-21	12	3.1	15,541	3.58	556	17	27	+336	.00	+12	+19
12-21-59 1283794 4368127 1-71					8		14,322	3.57	512						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF OAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK MILK	% %	FAT FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1371268 KING MARILYN ROCK TRIUNE.....*		30	6	6-32,42,	66	2.8	13,191	3.93	518	4	72	-743	+.20	-1	-20
03-27-59 1268290 3029916 5-71				43,47,48	20		14,253	3.66	522						
1371337 CLONA DANDY BOLD MASTER.....		1	12	1-34	12	2.6	13,722	3.56	489	10	23	-36	-.01	-3	-3
08-14-59 1088151 3737190 5-71					8		13,872	3.65	507						
1371353 TIME-O-DAY WALLIE QUEEN ART...*		2	39	1-35	41	3.2	15,705	3.46	544	0	31	+381	-.07	+4	+13
12-11-59 1190632 4506263 5-71					11		14,534	3.68	535						
1371358 ELLINGDALE LIGHTNING BAMBINO..*		2	26	2-41,47	28	3.1	12,667	3.53	447	8	30	-140	-.01	-7	-9
11-04-59 1196267 3618174 5-71					8		13,051	3.59	469						
1371474 HAMARET RAJAH PRODUCTION.....*		1	10	1-21	10	3.6	13,363	3.93	525	0	24	-516	+.12	-3	-16
12-19-59 1272520 4148627 5-71					19		15,701	3.47	545						
1371516 TERILAND RINGER VROUKA.....*		5	7	1-93	14	2.7	17,491	3.58	626	11	33	+169	+.01	+7	+10
01-20-60 1280647 4111281 5-71					43		17,314	3.55	615						
1371548 MANCRYCO ROYAL PROMOTER.....*	61-02	197	3	15-31,32,	357	1.6	14,377	3.64	524	12	94	+214	.00	+8	+12
08-30-59 1169417 2822217 1-71				33,42,84	20		14,172	3.65	517						
1371613 KANATA SUPREME V ERNIE.....		1	11	1-35	11	1.9	16,911	3.94	666	**	22	+232	+.08	+20	+23
10-02-59 1316847 3771305 1-71					4		16,089	3.63	584						
1371754 CENTENNIAL SILVERSIDE FABIAN..		1	11	1-34	11	1.6	15,771	3.62	571	**	21	+184	+.01	+8	+11
11-17-59 1288278 4308683 5-71					9		15,002	3.57	536						
1371769 COLSTAH LAD POSCH JESS.....*		4	10	1-84	15	1.3	12,705	3.57	454	**	27	-130	+.01	-3	-6
10-01-59 1124617 3290054 5-71					85		13,115	3.55	465						
1371800 MAUR-LIND MODEL.....		2	56	1-93	58	2.1	17,422	3.57	622	24	29	+256	-.02	+6	+12
12-22-59 1292878 2850433 5-71					133		16,819	3.64	612						
1371840 ROCK RIVER ADVANCER.....*		6	10	2-32,34	23	2.1	15,453	3.41	527	0	38	+358	-.08	+2	+11
01-17-60 1265166 2986695 5-71					12		14,570	3.60	525						
1371909 COCHRAN GENERAL RUDELL.....*		16	18	1-21	61	3.2	15,514	3.92	608	0	56	+37	+.19	+28	+24
10-30-59 1215402 3461553 5-71					20		15,616	3.61	564						
1371917 REFLECTION DUNLOGGIN DIAMOND..*		3	14	2-52,54	19	2.0	12,643	3.69	466	21	29	-412	+.03	-11	-20
02-07-60 1218525 4006344 5-71					25		14,063	3.60	506						
1371970 CHAR-MAE HUBER TIDY GRANT.....*		4	4	2-23,31	10	1.9	13,902	3.83	533	0	30	-462	.00	-16	-25
11-26-59 1206798 3398008 5-71					11		15,634	3.85	602						
1372018 BUTTER BOY ROCKET ACE.....*	41-25	18	6	2-35,41	46	3.0	13,998	3.63	508	14	64	-603	+.01	-21	-33
02-11-60 1152252 4539307 5-71					11		15,046	3.64	547						
1372023 ROSAFE SHAMROCK BERTRAND.....*		84	8	21-14,16,	154	2.1	14,946	3.67	548	18	82	-301	+.01	-9	-15
03-25-56 010198998 010533824 5-71				21,23,35	32		15,466	3.66	566						
1372052 JON-DE RAVEN JULE REBELER.....	35-21	89	14	7-35,41,	167	1.7	14,215	3.76	535	9	76	-59	+.08	+9	+6
07-02-59 1275412 3342593 5-71				42,43,47	15		14,333	3.66	525						
1372055 QUESTOVER IDEAL MAGICIAN.....*		7	9	2-31,34	19	2.8	12,572	3.53	444	9	38	-244	-.02	-12	-16
12-17-59 1138451 4490068 5-71					10		13,143	3.63	477						
1372171 DO-LAN LEADER TIDY-TWIN.....		2	10	1-48	13	1.7	11,481	3.86	443	45	25	-397	+.05	-7	-16
02-17-59 1188528 3746630 5-71					6		12,948	3.65	472						
1372195 STEW-AN FARMS RAG APPLE MASTER*		5	27	1-21	60	2.6	16,170	3.77	610	8	46	+303	+.01	+12	+18
02-25-59 1204515 3737622 5-71					82		15,687	3.79	594						
1372250 ALDERHURST DOUBLE LUCIFER.....*		6	4	2-21,32	14	2.4	14,330	3.66	524	33	40	-342	+.01	-11	-18
08-29-59 1304048 4471548 5-71					24		15,336	3.65	559						
1372319 ELLBANK ORMSBY BEETS CONQUEROR*		4	53	2-21,51	84	2.5	15,734	4.18	657	5	39	+112	+.10	+18	+18
05-10-58 953325 3472936 5-71					24		15,617	4.00	624						
1372408 GILMANS CARNATION REGENT.....		1	28	1-71	28	2.5	12,695	3.61	458	**	27	-87	+.02	0	-2
09-02-59 1308293 4522503 5-71					9		12,919	3.54	457						
1372426 VISTA GRANDE HAVEN WALLIE.....*	35-05	32	10	5-23,33,	77	2.3	14,345	3.86	554	18	67	-243	+.08	+2	-5
08-29-59 1079658 3943008 5-71				35,41,42	18		14,795	3.76	556						
1372449 BRIGEEN SCHOOLMASTER IDEAL....*		2	10	1-21	12	3.1	11,638	3.27	380	0	27	-270	-.02	-12	-17
02-01-60 1181068 3344084 5-71					26		12,481	3.37	420						
1372457 ARISTOCRAT BLACK SATIN.....*		2	13	1-21	15	3.1	14,463	3.51	507	7	28	-273	+.02	-7	-13
11-27-59 1124780 4049576 5-71					30		15,620	3.46	540						
1372459 ADMIRAL PRIDE PAT CLOVERBROOK.*		1	29	1-72	29	1.0	8,949	3.65	327	**	22	-183	+.01	-5	-9
08-03-59 1018213 3810686 1-71					37		9,314	3.63	338						
1372508 HARTWIG COUNT GUIDE.....*		3	19	2-35,55	23	3.2	12,545	3.43	430	9	31	-184	-.07	-16	-18
03-22-59 1302813 3819218 5-71					11		13,052	3.71	484						
1372516 REFLECTION GREEN TOP ZEUS.....*		1	12	1-31	12	3.4	14,411	3.62	521	25	25	+100	+.02	+6	+8
10-19-59 1138451 3993186 5-71					7		14,013	3.53	494						
1372525 NOWISCO TONY DESIGN.....		15	1	3-35,41,	15	1.1	14,156	3.59	508	14	43	+21	-.05	-6	-4
09-07-59 1205698 3104669 5-71				42	18		14,127	3.73	527						
1372548 CARNATION MARINER.....*		4	38	2-51,54	44	2.0	10,636	3.74	398	3	30	-174	+.02	-4	-8
12-21-59 1278455 4256292 5-71					24		10,923	3.70	404						
1372550 CARNATION ROYAL COACHMAN.....*		3	11	1-93	29	2.5	15,332	3.73	572	5	45	+94	-.02	0	+2
11-10-59 1305460 4291803 5-71					27		15,253	3.80	579						
1372551 CARNATION ROYAL TOP SECRET....*		1	11	1-91	11	2.5	13,375	3.46	463	0	23	-323	-.01	-13	-19
01-31-60 1305460 4434219 5-71					54		14,856	3.52	523						
1372552 CARNATION ROYAL GOLD RUSH.....*	35-21	11	17	5-35,41,	52	2.7	15,382	3.72	572	0	52	+77	+.01	+4	+5
02-02-60 1305460 3339581 5-71				42,82,93	15		15,376	3.72	572						
1372561 MUELLER IDEAL PILOT HANDSOME..*		4	9	2-35,41	14	2.6	14,177	3.60	511	0	31	-60	-.01	-4	-5
01-18-60 1175596 3927228 5-71					34		14,426	3.67	529						
1372569 TRIPLE-N DELORES ANTONY MIKE..*		2	37	1-52	39	2.1	14,545	3.40	494	16	28	+80	-.03	-1	+1
01-28-60 1066477 4312690 5-71					24		14,292	3.51	502						
1372603 FLEURY FARM REBURKE LAD.....*		3	11	2-16,21	15	2.1	14,225	3.47	494	17	28	+170	.00	+6	+9
05-12-58 1112211 4648198 5-71					18		13,572	3.46	469						
1372608 SKOKIE DESIGN MISTER JOY.....	35-75	401	3	36-21,35,	579	1.2	14,018	3.72	522	18	96	-549	+.10	-7	-20
01-01-60 1298378 4486804 1-71				41,55,93	31		14,662	3.64	533						
1372701 SANMARGALE WIS MARK.....*		1	29	1-48	29	3.0	13,495	3.62	488	7	28	+33	.00	+1	+2
08-12-58 1068870 3106450 5-71					6		13,315	3.63	483						
1372729 WISBEE PROUD SALLY KING.....*		3	11	1-21	23	3.3	17,656	3.64	642	9	41	+287	.00	+11	+17
01-21-60 1315498 3742188 5-71					42		17,290	3.63	627						
1372742 BOND HAVEN CENTURION PILOT....*		7	3	2-31,54	12	1.9	13,719	3.59	492	**	37	+221	-.02	+5	+10
08-02-57 010239301 010817494 5-71					11		13,024	3.65	475						

REGISTRATION NUMBER NAME DF BULL	STUD CODE	NUMBER DF HERDS	EFF DAU /HD	STATES ND- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1372747 WILLOWLYN BUTTER BOY JO-TWIN..*		6	28	3-32,52,	37	3.2	15,482	3.66	566		3	35	-86	-.01	-4	-6
11-08-59 1152252 3821497 5-71				55	39		15,925	3.70	589							
1372751 SHAWS SCHOOLMASTER CHOICE.....*		1	25	1-31	25	2.5	15,392	3.96	609		32	27	-63	+.02	0	-2
01-27-60 1181068 3969749 5-71					27		15,822	3.93	622							
1372760 WILLOW TERRACE ALERT SAM.....		3	25	1-21	49	2.4	14,050	3.80	534		19	42	-780	+.06	-20	-37
07-20-59 1154946 3283190 5-71					15		16,139	3.68	594							
1372823 REST BROOK AL BEN.....*		1	13	1-21	13	4.3	14,536	3.46	503		0	27	+147	.00	+6	+9
02-01-60 1312008 3373656 5-71					14		13,994	3.43	480							
1372846 OWLHURST CURTISS GEORGE.....*		3	36	1-51	42	3.0	14,176	3.83	543		3	33	+208	+.03	+12	+15
11-07-59 1091298 4072102 5-71					24		13,492	3.77	508							
1372855 LAWCREST BURKE IDEAL.....*		12	5	2-21,23	32	3.4	13,490	3.60	485		4	60	-810	+.02	-27	-43
07-25-59 1013415 2971758 5-71					15		14,944	3.58	535							
1372873 INGLIS IMPERIAL INVESTOR.....*	21-10	71	1	3-11,13,	76	2.6	14,639	3.44	504		16	83	-160	-.10	-20	-21
09-08-59 956081 3932781 5-71				21	21		14,932	3.56	532							
1372874 BILL BURKGOV DEAN.....	21-10	699	2	10-11,13,	970	1.4	15,906	3.42	544		13	98	+494	-.15	-4	+9
12-23-59 1038509 3244405 5-71				14,16,21	23		15,564	3.56	554							
1372884 GREEN VALE RAG APPLE VAR.....*		5	11	3-22,23,	27	2.5	15,807	3.45	546		21	43	+43	-.07	-8	-6
08-01-59 1144034 3230197 5-71				34	32		15,902	3.61	574							
1373012 HILLTOP EXPLORER CLIMAX.....*	34-01	173	3	5-11,32,	278	1.8	14,099	3.63	512		15	93	-166	+.04	-1	-5
03-12-60 1338191 4282302 5-71				34,55,61	20		14,316	3.60	515							
1373031 LEA INN MADCAP BUTTER BOY JO..*		3	5	1-42	10	2.2	11,060	3.60	398		30	29	-237	+.01	-7	-12
11-09-59 1152252 4515733 5-71					9		11,660	3.59	419							
1373055 HARDEN FARMS NOEL STANDARD....	35-05	701	6	23-23,35,	2,105	1.8	15,116	3.56	538		12	99	+595	-.11	+6	+20
10-20-59 1315498 2967416 5-71				41,42,93	19		14,576	3.67	535							
1373058 HARDEN FARMS DUKE REFLECT.....*		5	14	1-23	26	3.6	17,210	3.60	620		4	40	+460	-.03	+12	+22
01-14-60 1112211 4263636 5-71					9		16,289	3.68	599							
1373064 BROAD ROCK PLUS OAKLAWN WAYNE.*		1	13	1-14	13	3.5	12,635	3.80	480		8	26	-517	+.01	-17	-28
09-04-58 870805 3514417 9-70					18		14,729	3.78	557							
1373068 CRESCENT BEAUTY SUPER8.....*		8	27	4-33,35,	47	3.2	13,333	3.34	445		9	41	-111	-.08	-15	-15
01-27-60 1268528 3398005 5-71				71,74	19		13,567	3.55	481							
1373072 ASHDALE GENERAL A88EKERK.....		2	8	2-34,41	10	2.9	12,058	3.58	432		0	26	-53	.00	-2	-3
11-21-59 1357591 3431843 5-71					10		12,080	3.62	437							
1373098 W V U IDEAL LUCIFER.....		2	12	1-54	14	1.6	10,142	3.57	362		**	24	-478	.00	-17	-27
01-11-60 1317688 4072424 5-71					7		11,945	3.58	428							
1373118 KAYTEE CHAMPION.....*		3	6	1-42	15	2.7	15,392	3.28	505		20	36	+127	-.05	-2	+2
10-05-59 1150470 2631243 5-71					10		15,163	3.40	515							
1373155 IVY BOWER MELODY MAESTRO.....*		8	16	1-91	37	3.2	15,654	3.40	532		9	46	-299	-.05	-18	-23
10-03-59 1322069 3086210 5-71					13		16,568	3.50	580							
1373173 WHIRLHILL MAJESTY DYNAST.....*		7	3	4-22,23,	11	1.6	14,407	3.69	531		17	33	-450	+.02	-13	-22
11-23-59 1296820 4412249 1-71				50,55	19		15,967	3.65	582							
1373231 ADDHR GOLDEN MAESTRO.....		6	72	1-93	85	2.2	15,999	3.59	575		22	32	-236	.00	-9	-14
09-07-59 1215448 3542586 5-71					133		17,041	3.63	619							
1373292 SUNNYSIDE GOLDEN LADDIE.....*	35-05	53	2	4-32,35,	84	2.7	13,737	3.77	518		14	83	-523	+.13	-2	-15
09-25-59 1170426 3187309 5-71				41,57	15		14,417	3.63	524							
1373411 MAVIEW SUPREME FOREMOST.....*		15	5	7-11,12,	33	2.7	14,722	3.55	523		10	58	+31	-.07	-8	-6
12-20-59 1170426 2852032 5-71				16,21,55	27		14,749	3.67	542							
1373420 TYLER FARMS CORONA BARON.....*		2	18	1-12	20	4.1	13,569	3.63	492		0	31	-173	.00	-6	-9
11-04-59 1289225 3405128 1-71					29		14,156	3.65	517							
1373421 TYLER FARMS REFLECTOR JUDGE...*		4	15	1-13	31	2.9	13,957	3.78	528		13	42	+101	+.02	+6	+8
11-25-59 1298430 3814799 5-71					29		13,689	3.75	514							
1373442 HODGBOOM MAOCAP BUTTER KING...*		4	46	3-22,23,	52	2.5	15,002	3.73	560		23	31	+83	+.04	+8	+9
01-16-60 1152252 3349013 5-71				51	28		14,819	3.62	537							
1373444 HOOGBOOM MASTER CROSS FOBES...*		3	15	1-51	19	3.2	16,013	3.37	539		6	30	+405	-.10	0	+11
02-07-60 1025902 4294018 5-71					29		14,761	3.69	544							
1373467 HOWACRES GYPSIE BILL-TWIN.....*		7	5	1-13	26	3.5	14,096	3.55	500		24	55	+154	-.03	+1	+5
09-27-59 1292915 3277789 5-71					29		13,800	3.60	497							
1373502 KINGSTEAD DUKE JUDE.....*		1	14	1-54	14	3.0	13,785	3.69	509		13	25	+21	+.02	+3	+3
02-15-60 1269558 4298860 1-71					7		13,677	3.63	497							
1373503 KINGSTEAD DUKE MARCUS.....*		8	25	2-52,54	39	2.4	14,713	3.66	538		13	37	+92	+.05	+11	+12
02-19-60 1269558 4253284 5-71					23		14,521	3.50	508							
1373511 DANEHOJ BURKGOV JULIE LAD.....	41-01	150	2	5-35,41,	202	2.2	13,981	3.50	489		22	92	+70	-.08	-9	-6
01-18-60 1038509 3201101 1-71				42,45,46	17		13,901	3.59	499							
1373573 WALKWAY ROBIN HODO JIM.....		1	27	1-33	27	2.7	14,970	3.81	570		17	27	+18	.00	0	0
09-05-59 1273341 3222743 5-71					21		15,011	3.87	581							
1373636 ELLENVALE GYPSIE ADVANCEMENT..*		2	12	1-41	17	3.2	10,937	4.35	476		7	32	-168	+.12	+10	+4
02-24-60 1277213 4202790 5-71					7		11,197	3.92	439							
1373646 MOWRY ELSIE LEADER DUKE.....*		4	4	1-23	11	2.7	14,853	3.53	524		**	36	-57	-.03	-6	-6
12-01-59 1150470 2821916 9-70					26		15,136	3.62	548							
1373700 DUKE RAG APPLE SKOKIE.....		1	11	1-32	11	2.7	14,458	3.84	555		**	24	+300	+.04	+17	+22
12-14-59 1301578 4542841 5-71					8		13,109	3.68	483							
1373719 PABST L O ROBEL.....*		10	17	2-61,63	66	2.0	13,590	3.86	524		15	55	-289	+.10	+3	-5
11-01-59 1249424 2669795 5-71					31		14,132	3.69	521							
1373729 RWJS CYCLONE POLY VAL.....	93-16	28	14	6-82,86,	112	1.2	16,495	3.53	583		14	68	-92	.00	-3	-5
10-20-59 1117633 4014006 5-71				91,92,93	75		16,932	3.54	599							
1373793 STRICKST IVANHOE SENSATION....*		6	33	2-23,57	49	2.8	15,203	3.77	573		15	38	+447	+.04	+22	+30
03-10-59 1189870 3798105 5-71					49		14,020	3.67	515							
1373831 MAN-O-WAR 8 F CRESCENT ROBURKE*		1	25	1-93	25	2.2	12,817	3.50	449		0	27	-323	.00	-11	-18
09-26-59 1188731 4201226 5-71					45		14,041	3.53	495							
1373832 STYLEMASTER SHEN-ROCK SUPREME.		1	19	1-52	19	2.4	15,608	3.72	580		0	26	+179	+.01	+8	+11
12-07-59 1175471 3578559 5-71					1		15,027	3.69	555							
1373916 HARDEN FARMS BRETH FIRST NOEL.*		4	6	1-21	14	3.1	14,607	3.55	519		0	38	+70	-.01	+1	+3
03-08-60 1315498 4573299 5-71					10		14,476	3.59	519							
1373917 WALRIDGE R B IDEAL.....		2	37	1-31	39	2.7	12,724	3.65	464		17	30	-109	+.03	0	-3
12-08-59 1113350 4025952 5-71					5		12,998	3.56	463							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1374002 HASBROUCKS DUNLOGGIN DEAN.....*		2	26	1-23	28	3.4	11,076	3.61	400		8	31	-317	+.01	-10	-17
07-09-59 1304894 3607547 5-71					13		11,913	3.60	429							
1374023 FSC JO VELVEETA CHIEF.....		2	114	1-93	116	1.9	15,592	3.56	555		7	29	+195	+.01	+8	+12
05-19-59 1299222 4252806 5-71					67		15,021	3.53	530							
1374059 KENHOF WALLIE QUEEN ROY.....*		3	6	2-33,64	11	1.6	14,978	3.50	524		50	27	+358	-.06	+4	+13
02-02-60 1190632 3959619 5-71					10		13,609	3.75	510							
1374203 SILVERFIELD BURKE BILLY.....*		3	16	1-71	43	3.1	11,844	3.12	369		3	49	-237	-.02	-11	-15
09-14-59 1150470 3938466 5-71					19		12,152	3.14	381							
1374227 DEB-RICH SUPREME ACE BLUE BOY.*		2	7	1-31	10	2.2	11,113	3.56	396		**	26	-382	+.01	-13	-21
03-14-59 1257054 4311575 5-71					10		12,449	3.57	444							
1374286 ELEVATION TIDY BUSTER.....	35-05	28	3	6-35,41,	44	1.6	14,815	3.47	514		6	68	+539	-.13	+1	+15
01-26-60 1271810 4160530 5-71				42,48,74	18		14,025	3.66	513							
1374350 ROSE-FRONT VICAR LAD-TWIN.....*		1	32	1-31	32	2.4	12,891	3.61	465		20	27	-193	+.01	-6	-10
10-14-59 1304722 3645274 5-71					10		13,566	3.60	489							
1374366 TEXAL MAPLE RAG APPLE.....*		6	11	3-22,23,	21	2.9	14,650	3.79	555		6	37	-108	.00	-4	-6
03-02-59 010218036 011228359 5-71				55	79		15,057	3.83	576							
1374382 TEE-DEE RAVEN BURKE.....		1	12	1-21	12	2.0	13,665	3.67	502		0	22	-11	+.02	+2	+1
01-21-60 1113350 4304060 5-71					11		13,693	3.58	490							
1374399 TUTTLE ACRES RANETT ADMIRAL...*		10	6	3-23,32,	24	2.8	13,394	3.90	523		15	48	-34	+.07	+9	+7
11-28-59 1210078 3567695 5-71				35	17		13,413	3.76	504							
1374587 ALLENBY BRIGEEN GOLDEN BUD...*		2	60	2-21,35	62	2.4	14,946	3.88	580		6	30	+234	+.06	+17	+20
01-01-60 1170426 3859145 5-71					52		14,187	3.71	526							
1374782 SUPREME MAPLE MATCHMAKER-TWIN.*		8	44	5-35,41,	70	2.0	16,160	3.29	531		21	38	-9	-.06	-8	-7
08-15-59 010249633 010979698 5-71				85,86,93	121		16,436	3.42	562							
1374788 SILVERFIELD IDEAL LEADER.....*		14	5	3-43,48,	35	3.0	14,141	3.60	509		4	60	-51	-.03	-6	-6
09-09-59 1150470 3938468 5-71				73	26		14,259	3.67	523							
1374825 LODESTAR GOLDEN ADMIRAL.....*		1	48	1-51	48	2.8	13,732	3.74	514		16	29	-77	+.01	-1	-3
09-24-59 1269391 3737813 5-71					35		14,006	3.72	521							
1374990 REDFIELD GYPSIE CREATION.....*		6	15	1-45	36	2.4	12,172	3.68	448		15	44	-175	+.07	+3	-2
03-10-60 1280015 3751613 5-71					10		12,423	3.49	433							
1375010 ROLLINGSTEAD ORMSBY BURKE.....*		3	9	1-23	17	1.8	14,930	3.53	527		13	32	-82	-.04	-9	-10
02-01-59 1105403 3704467 5-71					8		15,325	3.68	564							
1375016 PANSIEWOOD KYLAND JASON.....*		14	31	3-34,35,	71	1.9	15,300	3.53	540		9	45	+579	-.04	+15	+27
10-20-59 1221229 3643559 5-71				74	16		14,006	3.62	507							
1375023 SIR POSCH BURKE FOBES.....*		5	14	1-57	39	2.2	13,680	3.44	471		14	45	-349	-.03	-17	-23
10-11-59 1150470 3809387 5-71					38		14,511	3.53	512							
1375055 VIJON CARNATION HOMESTEAD DICK*		3	23	1-33	27	2.9	11,881	3.59	426		27	30	-409	-.03	-19	-26
08-15-59 1197313 2738368 5-71					5		13,165	3.73	491							
1375087 BY-GEMS PROFILE STANDOUT.....*	35-03	93	6	8-21,33,	181	1.7	14,459	3.75	542		12	86	-293	+.06	-2	-9
12-10-59 1169417 3557225 5-71				35,61,65	20		14,895	3.69	550							
1375143 KYLAND PREMIER PIONEER.....*		4	17	1-74	34	2.7	13,769	3.20	440		14	41	0	-.02	-3	-2
12-05-59 1126392 3640221 5-71					10		13,751	3.22	443							
1375151 FRICKES JULE BUTTER BOY.....	35-75	441	3	35-21,35,	701	1.2	14,176	3.58	508		14	97	-391	-.04	-20	-27
01-14-60 1152252 4426584 1-71				41,48,93	31		14,653	3.64	533							
1375183 DURALYNE M A L JETHRO.....		5	7	2-31,35	14	2.7	11,801	3.91	461		27	32	-600	+.07	-12	-26
09-04-58 1286841 4018875 5-71					17		13,632	3.68	501							
1375223 LOCKWAY SOVEREIGN TEXAL.....*	35-02	26	2	2-23,35	32	2.0	14,225	4.01	570		10	63	-314	+.21	+17	+6
07-02-59 1165012 3461972 5-71					38		14,811	3.70	548							
1375225 LONOKE BLACK JACK.....*		2	8	1-23	10	3.4	15,251	3.68	561		30	26	+21	-.01	0	+1
09-15-59 1286036 4293756 1-71					14		15,307	3.72	570							
1375226 MISTYVALE DUKE OF WINDSOR.....*		15	1	1-23	17	2.4	13,574	3.50	475		0	52	-146	-.08	-16	-17
09-23-59 1286036 3669237 5-71					13		13,846	3.67	508							
1375263 MAVIEW IRE ARISTOCRAT.....*	55-01	14	10	1-55	71	1.7	17,041	3.54	604		16	65	+440	-.08	+4	+15
03-01-60 1124780 3804033 5-71					37		16,630	3.66	609							
1375300 WILLOW RANGE CARNATION SNO....*		2	8	1-21	10	3.2	12,431	3.69	459		11	26	-519	+.04	-14	-25
12-03-59 1298430 3711827 1-71					12		14,495	3.57	518							
1375325 WIS BURKE YOGE.....*		1	10	1-31	10	3.3	12,743	3.49	445		25	24	-250	-.01	-10	-15
01-23-59 1013415 4738763 5-71					24		13,793	3.55	490							
1375332 AIR VIEW DOUBLE BUD SHORLEA...*		7	6	2-31,32	19	2.2	15,085	3.56	537		22	42	+241	-.03	+4	+10
10-12-58 1090258 4030933 5-71					22		14,571	3.64	531							
1375346 WILLARDS ORMSBY RAG APPLE....*		1	22	1-23	22	1.1	13,091	3.70	484		**	21	-105	.00	-4	-6
10-19-59 1279408 3391665 5-71					4		13,548	3.75	508							
1375357 WELK ACRES TIDY DEAN.....*		4	23	1-23	35	2.8	12,165	3.64	443		12	37	-144	+.02	-3	-6
03-27-59 1255141 2948992 5-71					12		12,407	3.62	449							
1375426 MASTER MATTIE SEGIS ANTONY....*		1	17	1-52	17	2.1	13,965	3.72	519		0	25	+71	+.01	+4	+5
09-27-59 1066477 3580606 5-71					16		13,649	3.69	503							
1375427 MASTER DINA BURKE SEGIS.....*		5	7	2-52,55	19	2.5	16,070	3.51	564		12	40	+460	-.05	+10	+20
11-01-59 1066477 3143187 5-71					36		15,032	3.61	543							
1375429 ADMIRAL PRILLY BURKE IDEAL....*		12	48	2-52,54	79	1.8	15,161	3.51	532		9	37	-74	-.01	-4	-5
11-21-59 1309177 3606683 5-71					41		15,519	3.55	551							
1375458 BUDD FARM ACE CONNIE.....*		3	13	1-34	22	1.8	13,170	3.49	459		41	33	-673	+.05	-18	-32
12-22-59 1186187 3150653 5-71					26		15,354	3.37	518							
1375459 BUDD FARM ROYAL DELLA.....*		7	14	2-33,41	26	2.3	13,341	3.68	491		19	36	-308	.00	-11	-17
07-26-59 1306065 4014191 5-71					14		14,221	3.71	527							
1375524 ROMEY TRITOMIA BUTTER BOY.....*		16	2	7-33,34,	20	2.8	13,208	3.57	471		7	56	-319	+.03	-7	-14
12-11-59 1152252 3911350 5-71				35,51,52	19		13,765	3.52	484							
1375591 PIEBE HARTWIG CARNATION.....*		1	10	1-42	10	1.7	13,487	3.53	476		0	21	-48	+.01	0	-1
09-01-59 1296328 4153391 1-71					30		13,696	3.48	476							
1375646 KENLAND HOMESTEAD GENO.....*		1	10	1-35	10	2.7	14,531	3.76	546		40	22	+81	+.01	+5	+6
01-18-60 1202124 3986446 9-70					16		14,192	3.69	524							
1375801 LODESTAR LAIRD SUPREME.....*		6	3	2-21,23	12	2.3	12,706	3.81	484		50	37	-502	+.07	-9	-20
02-12-60 1315718 4249306 5-71					16		14,091	3.64	513							
1375867 CARVER LOCHINVAR RAG APPLE....*		2	14	2-33,74	16	2.6	13,453	3.52	473		11	27	-2	-.05	-7	-6
03-29-59 1298442 4246921 5-71					10		13,411	3.77	505							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... OAUS HM/DAU	REC/DAU HEROMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1375956 BO-K SOVEREIGN MAR.....*		2	8	1-34	10	3.9	15,858	3.44	545	0	27	+370	-.04	+8	+16
04-11-59 1144034 3642572 5-71					26		14,527	3.55	515						
1375962 CHRISTY CORPORAL.....*		2	13	1-42	17	2.3	12,577	3.42	430	12	28	-87	-.06	-11	-11
03-21-60 1265747 3655332 5-71					5		12,769	3.67	468						
1375967 SISSON FARMS PIEBE WIS IOEAL..	21-10	544	4	10-13,14,	1,125	1.7	16,031	3.46	555	11	98	+834	-.22	-2	+20
11-02-59 933122 3389004 5-71				15,16,21	23		15,316	3.68	564						
1376031 HOWACRES DUKE OEAN.....*		1	59	1-21	59	2.8	16,184	3.95	640	15	30	+80	+.09	+16	+15
01-02-60 1112211 4309237 5-71					36		16,133	3.69	596						
1376050 HEWFIELDS ORMSBY JUDGE.....		1	24	1-34	24	2.4	12,936	3.32	430	14	27	-137	-.03	-9	-11
11-11-59 1048342 4295694 5-71					5		13,401	3.45	462						
1376243 S C P IOEAL GENEVRA GENE.....*		4	8	2-56,74	21	2.5	13,220	3.52	465	18	40	-114	+.02	-2	-5
02-27-60 1013415 3899545 5-71					87		13,459	3.48	469						
1376244 OAYTON MABEL PRILLY JO.....*		5	13	1-31	24	1.6	14,993	3.34	501	8	34	+187	-.04	+1	+6
02-08-60 1105615 4078561 5-71					30		14,498	3.43	498						
1376281 OCKBROOK ADMIRAL FOBES.....*		2	23	2-35,57	27	3.4	14,576	3.76	548	8	32	-211	+.05	-1	-6
12-17-59 1210078 4166244 5-71					18		15,391	3.64	560						
1376318 CHILMARKAY PERFORMER.....*		6	2	3-52,54,	11	2.6	13,207	3.56	470	29	37	-15	.00	-1	-1
12-24-59 934577 3497721 5-71				55	9		13,172	3.59	473						
1376340 LAVACRES DUSTY PRIDE.....*		6	19	1-93	48	2.9	16,985	3.63	617	5	48	+27	+.01	+2	+2
02-03-60 1205185 4467711 5-71					72		17,260	3.62	625						
1376347 HAEGMAN TRANSMITTER TERRY.....*		4	7	1-34	12	2.3	13,283	3.24	430	30	29	-399	-.06	-22	-29
11-13-59 1127694 4312368 1-71					10		14,720	3.46	510						
1376388 GABBERT SKOKIE SAL.....		2	8	1-55	10	2.4	14,478	3.48	504	10	25	-147	-.01	-6	-9
11-02-59 1326923 3924335 5-71					22		15,205	3.51	534						
1376411 TREASURE INKA SOV SUPREME.....*		12	2	5-33,35,	17	2.0	12,198	3.57	436	19	49	-557	-.04	-26	-36
08-11-59 010249633 3875952 5-71				42,61,93	14		13,278	3.70	491						
1376417 LOCUST GLEN WALLIE CHIEF.....*		3	15	1-52	19	1.9	14,130	3.83	541	9	28	-95	+.05	+3	0
02-08-60 1190632 3952767 9-70					33		14,537	3.68	535						
1376486 OLMANOR PAUL FONOA.....*		3	19	1-21	24	2.8	14,851	3.42	508	**	31	-371	-.02	-16	-23
12-11-59 1040096 3979240 5-71					17		16,268	3.50	570						
1376502 SKOKIE REX.....	93-02	10	52	1-93	110	1.4	15,402	3.62	557	**	41	+59	.00	+2	+3
03-07-60 1288610 3235817 5-71					199		15,406	3.62	558						
1376554 HOWACRES REFLECTOR SAM.....*		10	4	1-13	24	3.5	13,025	3.80	495	5	55	0	+.03	+4	+3
02-09-60 1298430 4164124 5-71					11		12,922	3.76	486						
1376593 FIR FOREST INKA COMMANDER-TWIN*		2	19	1-35	21	2.3	12,627	3.48	440	37	27	-209	+.01	-6	-10
01-14-60 1195386 3003902 5-71					18		13,336	3.47	463						
1376610 FUTURE HOPE FAITH JEWEL.....*		6	8	2-35,74	16	2.8	14,705	3.39	498	8	35	-234	-.08	-20	-23
08-02-59 1338573 4407081 5-71					17		15,530	3.64	565						
1376686 ERA-SEA SYMBOL ORMSBY.....*		1	20	1-41	20	2.9	15,820	3.62	572	**	27	-94	+.07	+6	+3
09-09-59 1205994 4211432 5-71					7		16,416	3.38	555						
1376695 BONO HAVEN CENTURION PAL.....*	35-05	17	10	4-31,32,	40	2.2	15,523	3.50	543	7	53	+582	-.04	+15	+28
05-18-59 010239301 011028192 5-71				34,35	21		14,476	3.56	516						
1376696 GLENAFTON RAG APPLE CLIMAX....*		6	27	1-34	57	2.8	13,393	3.61	483	3	45	-192	-.02	-10	-13
07-28-59 010249530 010622770 5-71					15		13,810	3.67	507						
1376732 BUTTERFIELD BURKE LEADER.....		2	16	1-55	18	1.7	14,680	3.41	501	33	24	+279	-.06	+2	+9
01-06-60 1150470 3343033 1-71					4		13,492	3.65	493						
1376785 UNH DAWN GRENADIER.....*		9	3	4-12,13,	16	3.4	18,860	3.75	707	0	47	+902	+.01	+34	+52
10-23-59 1038118 4196203 5-71				14,15	22		17,270	3.76	649						
1376805 PINEYHILL GILDERSLEEVE.....*		3	29	2-22,93	33	1.9	13,364	3.73	499	27	28	-311	+.02	-9	-16
03-10-59 1295523 3217844 5-71					46		14,520	3.70	537						
1376808 PINEYHILL NOBILITY-TWIN.....*		6	15	1-93	44	2.9	16,809	3.92	659	**	51	-69	+.11	+13	+9
07-30-59 1295523 4507239 1-71					48		17,280	3.74	647						
1376810 MAPLE LAWN MASTER SIR ROBURKE.	51-02	162	3	9-23,50,	283	1.3	15,213	3.58	545	11	92	+825	-.09	+17	+36
11-10-59 1025902 4174280 9-70				51,52,54	20		14,357	3.68	529						
1376884 TIDY BURKE RUPERT.....	23-05	29	1	1-23	30	2.2	13,458	3.65	491	24	66	-267	-.05	-16	-20
08-02-59 1329249 3722124 5-71					16		13,856	3.75	519						
1376900 SCHOOLMASTER CHERRY-TWIN.....	11-01	197	3	5-11,13,	344	2.3	13,478	3.76	507	17	95	-796	+.08	-18	-36
03-24-60 1181068 3439830 1-71				14,16,55	18		14,361	3.69	530						
1376906 CARNATION ROYAL WISDOM.....*		10	3	5-31,34,	18	3.2	14,884	3.84	571	0	50	-200	+.12	+9	+2
03-13-60 1305460 2638027 5-71				81,91,93	32		15,433	3.62	559						
1376932 SUPREME PONTIAC IOEAL.....*		38	5	8-12,21,	72	2.4	14,068	3.60	506	21	75	-464	-.02	-19	-28
10-20-58 010249631 011254853 5-71				22,23,51	17		14,776	3.63	536						
1376972 LANELESS AMERICAN BUTTER BOY..*	35-21	46	11	1-35	81	1.8	14,778	3.65	539	21	65	-440	-.04	-21	-29
01-13-60 1152252 4473449 5-71					15		15,624	3.71	580						
1376973 LANELESS BUTTER BOY FOBES.....*		6	7	3-22,23,	16	2.4	12,836	3.72	478	17	36	-507	+.04	-13	-24
03-05-60 1152252 3407552 5-71				35	20		14,303	3.62	518						
1376982 S R F RAG APPLE MAPLE.....*		6	12	1-35	28	2.9	15,860	3.49	554	12	44	+76	-.01	+2	+4
01-05-60 010218036 2803119 5-71					13		15,880	3.49	555						
1377052 ARCHAMBAULT DOSTIE TRITOMIA...	35-05	301	4	12-33,35,	656	1.6	14,847	3.68	547	11	96	+475	+.02	+20	+29
01-29-60 1057739 3719953 1-71				41,42,74	17		14,400	3.67	529						
1377053 FOREST GROVE COUNT.....		2	10	1-35	18	1.3	12,913	3.55	458	0	30	+24	-.01	-1	0
12-26-58 1318232 4690605 5-71					23		12,711	3.61	459						
1377055 MILKEN ORMSBY INVINCIBLE JOE..*		4	24	2-13,41	31	3.8	13,754	3.37	463	0	35	+274	-.07	0	+7
01-28-59 1056882 3551040 5-71					18		12,852	3.56	458						
1377075 SKOKIE BOY.....*		1	58	1-93	58	2.4	16,117	3.60	580	6	29	+30	+.07	+11	+10
12-15-59 1282185 3087462 5-71					61		16,244	3.37	548						
1377093 FERNMIST HOESLY JOANN ZIP.....		1	18	1-41	18	1.9	8,970	3.56	319	36	24	-375	.00	-13	-21
01-05-60 1306247 3530530 5-71					7		10,144	3.59	364						
1377115 GLENBRO HIGH MAPLE.....*		7	18	3-41,42,	32	2.1	13,199	3.58	473	11	36	-258	-.01	-11	-16
03-23-59 010218036 010851978 5-71				46	15		13,909	3.63	505						
1377135 DAVIS FARM MASTER CRETE.....		2	17	1-11	19	3.2	11,169	3.67	410	**	29	-474	+.01	-16	-26
01-13-60 1298189 3862148 5-71					15		12,676	3.65	463						
1377136 DAVIS FARM SCHOOLMASTER PETE..		2	18	1-11	20	3.4	15,186	3.60	547	0	30	+41	.00	+1	+2
01-16-60 1181068 4392821 5-71					53		15,171	3.63	550						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1377198 MILLAND LAD DICTATOR PRINCE...*		12	3	2-32,57	22	2.1	12,634	3.74	472	15	52	-659	+.05	-17	-31
10-23-59 1160414 3858780 5-71					12		13,906	3.65	507						
1377309 WEARY RIVER HIGH BOY ONE.....		2	18	1-93	20	2.1	15,961	3.44	549	14	26	+157	+.01	+7	+10
10-22-59 1273846 4383518 5-71					28		15,524	3.38	524						
1377310 WAL-CO-FARM PROFILE ARGUS.....*	35-05	41	2	5-33,35,	61	2.9	12,898	3.85	496	14	79	-925	+.16	-12	-34
12-17-59 1169417 3658655 5-71				41,42,56	16		14,089	3.64	513						
1377315 GYPSIE COMET D.....	41-01	59	7	4-35,41,	87	2.2	14,766	3.52	520	7	76	+443	-.07	+6	+16
12-19-59 1291724 2982570 5-71				45,46	25		14,210	3.61	513						
1377410 BURKE PREVUE REROYAL.....		1	58	1-57	58	2.5	14,287	3.76	537	0	30	-142	+.06	+3	-1
01-02-60 1192713 4312544 5-71					11		14,862	3.55	528						
1377454 ARMSON SNOW ACE.....*		2	10	1-21	12	1.7	15,742	3.24	510	8	24	+414	-.06	+6	+16
01-16-60 1300578 4330454 5-71					19		13,991	3.45	482						
1377505 ELLEN COMMOOORE GUSS.....		1	33	1-42	33	2.2	11,342	3.61	409	**	27	-536	+.05	-12	-24
02-17-60 1246568 4573019 5-71					5		13,261	3.42	454						
1377542 HARMONY PRINCESS EDEN FLASH...		1	11	1-35	11	3.3	11,487	3.40	390	11	24	-316	-.05	-18	-23
02-26-60 1115946 3911984 5-71					2		12,663	3.66	464						
1377560 ELDONON REFLECTOR FREMONT-TWIN*		6	3	4-33,35,	13	2.8	13,807	3.72	514	0	40	+166	+.03	+10	+13
05-01-59 1298430 4010967 5-71				71,74	12		13,331	3.66	488						
1377611 CAROLDALE ACE.....*		3	8	2-31,48	11	4.2	12,186	3.59	437	14	29	-239	.00	-9	-14
06-03-59 1186187 3484198 5-71					29		12,902	3.63	468						
1377661 ERNELL SCHOOLMASTER KING.....*		9	17	3-11,14,	40	2.7	13,851	3.67	509	6	45	-40	+.02	+1	0
03-08-60 1181068 3668792 5-71				21	27		13,942	3.64	508						
1377673 RICVILLE ROYAL CREWMAN.....	91-13	96	2	8-81,82,	131	2.2	14,763	3.43	506	12	88	+144	-.14	-14	-8
11-08-59 1305460 3142294 5-71				87,91,92	20		14,673	3.58	525						
1377674 ATHLONE CITATION.....	42-02	12	1	2-42,91	12	3.1	13,952	3.52	491	9	47	-47	-.06	-10	-10
03-30-60 897452 3511108 5-71					13		14,068	3.68	517						
1377691 DEAN WALLACE SECURITY.....	21-10	732	2	7-11,13,	1,059	1.2	15,865	3.52	558	12	98	+516	-.05	+12	+23
03-29-60 1085978 3597932 1-71				14,16,21	23		15,493	3.56	551						
1377802 HOODS CHERRY HILL OI WON-TWIN.*		7	8	2-13,14	32	3.9	16,928	3.77	638	7	56	+954	+.04	+40	+58
02-12-60 1189870 4097660 5-71					31		15,356	3.74	574						
1377803 HOODS CHERRY HILL OI LAO.....*		11	27	5-11,12,	72	2.5	15,549	3.49	542	22	50	+679	-.06	+15	+30
03-29-60 1189870 4107069 5-71				13,14,16	36		14,228	3.61	514						
1377811 HUIRAS MEISEGEIER LEADER.....*		1	17	1-35	17	2.7	11,979	3.92	470	11	26	-288	+.05	-4	-11
12-01-59 1235894 4309452 5-71					12		12,986	3.74	486						
1377876 CRESTON APACHE.....*		8	14	1-34	29	2.4	15,725	3.61	567	25	39	-77	+.03	+1	-1
03-22-60 956714 3996652 5-71					19		16,147	3.54	571						
1377903 JOHN GREENWOOD.....		1	20	1-57	20	1.9	12,892	3.63	468	31	24	-267	-.02	-13	-18
01-07-60 1121323 4036755 5-71					13		14,022	3.78	530						
1377954 FULTONWAY SCHOOLMASTER.....	35-75	861	3	39-21,35,	1,443	1.2	15,526	3.68	572	11	98	+860	+.04	+37	+53
06-27-59 1181068 4382863 1-71				41,55,93	27		14,731	3.65	538						
1378000 M V 8 A TY VIC PRESTO CYCLONE.	41-01	104	2	5-35,41,	127	2.1	12,300	3.79	466	27	87	-1,100	+.18	-17	-43
03-03-60 923749 4589252 5-71				42,45,46	17		13,520	3.59	485						
1378010 MIDLAND MAGIC TRADITION.....		5	21	1-93	50	1.5	16,056	3.41	548	17	42	-362	-.06	-21	-27
03-01-60 1138451 3793207 5-71					120		17,251	3.55	612						
1378123 LIME ROCK W GEORGE.....*		6	20	1-23	31	2.7	15,153	3.89	590	21	35	+68	.00	+2	+3
01-23-60 1168575 3887410 5-71					19		15,074	3.94	594						
1378270 BOND HAVEN CENTURION DIPLOMAT.*		9	32	1-23	51	2.5	15,591	3.38	527	20	38	+141	-.10	-9	-4
02-08-59 010239301 011313495 5-71					23		15,360	3.64	559						
1378324 LUCIFER IVANHOE STAR.....*		3	13	1-23	29	2.1	17,425	3.64	635	7	38	+820	.00	+29	+45
03-25-60 1189870 3563348 5-71					20		15,428	3.66	564						
1378345 RWJS MAGISTRATE DON.....	93-16	65	11	7-48,82,	226	1.5	16,212	3.49	566	7	84	+217	-.03	+3	+8
03-16-60 1126307 3755364 5-71				86,91,93	92		16,178	3.52	569						
1378365 BEAU WES IMPULSE.....*		17	3	4-34,35,	28	1.9	14,457	3.42	495	25	56	-28	-.12	-18	-16
04-24-60 1357591 3194083 5-71				41,42	11		14,571	3.66	533						
1378366 BEAU WES OE LAVEGA.....		5	6	3-35,41,	15	2.2	14,614	3.39	495	25	36	+327	-.09	-1	+8
05-03-60 1357591 3695572 9-70				46	17		13,675	3.65	499						
1378382 WIR-DELL DICTATOR ORMSBY MODEL		4	36	2-32,33	43	2.1	14,905	3.88	579	11	31	+211	+.03	+12	+15
10-15-59 1148993 3696310 5-71					4		14,257	3.83	546						
1378427 EXRANCO MAPLE SIR HOPE.....	93-03	5	10	1-93	26	2.0	15,054	3.95	595	24	40	-301	+.12	+5	-4
01-25-60 010218036 4076820 5-71					166		16,017	3.68	590						
1378446 LILAC HILL BURKGOV GINGER.....		3	51	2-33,35	59	2.8	14,359	3.53	507	13	33	+60	-.02	-1	+1
12-03-59 1038509 4354872 5-71					8		14,203	3.63	515						
1378451 PALM SKY SIR ORMSBY CAPTAIN...*		6	11	1-34	34	2.5	14,583	3.62	528	6	48	-231	.00	-8	-13
09-12-59 1144239 4816169 5-71					18		15,192	3.63	551						
1378549 KAUFMAN EL CAPITAINE MAGICIAN.*		2	19	1-31	21	2.9	14,122	3.62	511	19	29	+22	-.01	0	+1
03-27-60 1138451 2967494 5-71					36		14,057	3.68	517						
1378562 SHETLARS MODEL TIDY LAO.....*		21	6	4-46,48,	42	2.6	14,542	3.66	532	5	62	-590	+.04	-16	-29
04-28-60 1226128 3610256 5-71				73,74	21		15,672	3.61	565						
1378585 LOS ROBLES PIETERTJE GERBEN...*		2	13	1-93	17	1.6	17,346	3.49	605	**	26	+178	-.02	+3	+7
01-12-60 1281232 3411776 5-71					18		16,968	3.55	602						
1378594 GRAY VIEW CRISSCROSS.....*	99-01	361	6	37-21,23,	558	2.0	14,213	3.99	567	10	95	-816	+.33	+14	-10
05-14-59 010218036 3167991 1-71				33,35,42	25		15,198	3.67	558						
1378638 LIME HOLLOW OEAN BURTON.....*	21-10	119	1	6-13,14,	128	3.1	15,110	3.41	515	7	90	+283	-.14	-10	-1
03-03-60 1038509 3918867 5-71				21,22,23	23		14,890	3.56	530						
1378681 PABST CAPTAIN ROBURKE.....*		1	18	1-35	18	2.0	15,625	3.39	529	46	24	+78	-.06	-6	-3
01-14-60 1144239 3161323 1-71					10		15,452	3.64	563						
1378698 ZURCHER GREGORY SIR BURKE.....*		5	16	1-42	28	3.1	14,452	3.60	520	0	39	-93	+.05	+3	0
08-19-59 1293643 4289986 1-71					9		14,781	3.46	512						
1378785 KOECREST ELSIE LEADER PIETJE..*		5	18	1-45	30	1.4	14,103	3.61	509	35	32	+117	-.01	+3	+6
12-01-59 1150470 3639009 5-71					8		13,720	3.64	499						
1378792 COUNCIL ROCK SCHOOLMASTER.....*		4	14	1-21	42	2.4	16,834	3.60	606	5	49	+650	-.07	+13	+28
01-29-60 1181068 3681819 5-71					33		15,666	3.75	587						
1378874 OARK VALLEY INVINCIBLE KING...*		3	5	1-51	10	2.9	15,955	3.70	591	0	30	+516	.00	+19	+29
05-13-59 1252845 2737721 5-71					27		14,250	3.71	529						

REGISTRATION NUMBER NAME OF BULL	STUO CODE	NUMBER DF HEROS	EFF OAU /HO	STATES ND- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/OAU	REC/OAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1378875 MEADOWDAWN POSCH SEGIS LAD....		1	36	1-82	36	2.6	13,544	3.74	507	16	29	-24	.00	-1	-1
03-09-60 910991 4430772 5-71					18		13,596	3.79	515						
1378881 UPSLAND DEAN DLIVER.....*		5	3	1-21	10	3.0	15,024	3.49	524	22	35	+111	+.01	+5	+7
12-29-59 1085978 3716102 5-71					21		14,788	3.46	511						
1378891 KERNOT SKYLARK HOMESTEAD.....		1	20	1-42	20	3.1	9,795	3.72	364	0	28	-193	+.02	-4	-8
12-20-59 1243613 4006802 5-71					6		10,111	3.66	370						
1378932 FORT MADISON HOMESTEAD CHARLIE		1	68	1-42	68	3.2	10,916	3.94	430	7	31	-391	+.02	-11	-19
03-24-59 1297879 2976356 5-71					4		12,008	3.87	465						
1378943 LAKEVALE TRIUNE REX.....*		2	8	1-33	13	3.1	13,884	3.63	504	10	31	-78	+.02	0	-2
01-01-60 1297169 4355003 9-70					17		14,156	3.57	505						
1378995 MAN-O-WAR 8 F CRESCENT ROMED..*		4	9	1-93	19	2.5	14,060	3.48	489	20	36	-179	-.02	-9	-12
02-09-60 1188731 4250424 5-71					38		14,631	3.55	519						
1378997 BURKE 8 F MADCAP LAD.....	42-02	120	3	5-41,42,	189	2.3	12,945	3.55	460	22	91	-676	-.03	-28	-41
12-03-59 1152252 3737922 5-71				43,73,87	14		13,663	3.59	491						
1379024 MAPLEWOOD LANE CAPIE.....*		7	39	2-33,74	54	2.5	15,519	3.52	547	15	35	+168	-.02	+3	+7
11-30-59 1320985 4042326 5-71					23		15,165	3.58	543						
1379081 MAPLE WATER MADCAP PILOT.....*		10	3	4-81,82,	18	1.8	14,261	3.56	508	**	47	+51	-.01	0	+1
03-22-59 1175596 3281881 5-71				91,92	18		14,174	3.58	508						
1379096 WIS CONQUEST.....*	23-11	136	5	5-22,23,	301	2.6	13,879	3.57	496	11	93	-358	-.10	-26	-31
05-12-60 933122 3612218 9-70				31,42,51	31		14,301	3.69	528						
1379176 GRAY VIEW SKY RENOWN.....*		8	61	2-42,47	76	2.2	14,443	3.43	496	21	33	-89	+.01	-2	-4
12-27-59 1244845 4194681 5-71					15		14,798	3.41	504						
1379203 8 O I DUKEBUR AMES.....*		4	44	3-22,23,	53	1.8	12,810	3.79	486	41	31	-287	+.05	-3	-10
12-16-59 989939 3219382 5-71				54	43		13,723	3.63	498						
1379263 CDLINDDN ARAB BUGLER.....	21-10	650	2	7-11,13,	852	1.5	15,248	3.61	550	15	98	-11	+.05	+6	+5
02-12-60 1038509 3846262 5-71				16,21,23	23		15,407	3.56	548						
1379354 SONSTAHDS VAR LEADER.....*		1	11	1-93	11	1.1	15,440	3.37	521	**	19	-239	-.02	-11	-15
07-30-59 1150470 4530425 5-71					34		17,042	3.49	595						
1379390 RAVENGLEN ADIDS TRIUNE.....*	35-21	28	23	2-21,35	146	2.9	14,889	3.62	539	10	71	-335	+.05	-5	-13
03-23-60 1282185 3122167 5-71					25		15,521	3.56	553						
1379477 GRAY VIEW SKY BLACKCAP.....*		9	8	1-34	21	2.7	13,976	3.58	501	10	41	+85	+.01	+4	+6
05-22-59 1244845 4156554 5-71					15		13,749	3.56	490						
1379479 EDNACHESTER RDSAFE DEAN.....*		5	36	1-21	45	3.7	14,184	3.48	493	3	36	-128	-.01	-6	-8
12-08-59 010239301 3764924 5-71					45		14,611	3.52	515						
1379495 BUCHER VIEW RDFLECTION MURKY..*		2	17	1-46	19	1.7	14,369	3.48	500	**	26	+531	-.06	+11	+23
05-06-60 1321033 3813935 5-71					6		12,103	3.73	452						
1379550 NOR-REDA IDEAL IKE.....		3	55	1-93	59	2.8	14,821	3.68	545	6	31	-428	+.04	-10	-19
01-18-60 1150469 3148319 5-71					56		16,443	3.58	588						
1379556 OEW-CREST ROAMER DRMS8Y.....		1	15	1-42	15	1.0	13,217	3.34	441	100	20	+3	+.04	+5	+4
02-11-60 1323161 4276350 5-71					7		13,117	3.10	406						
1379647 MARDEN BUTTER BOY.....*		5	3	2-50,51	10	2.4	13,239	3.80	503	25	33	-57	+.01	0	-1
02-02-60 1152252 4985854 5-71					22		13,354	3.76	502						
1379711 SPRUCE LAWN ORBIT.....*	21-01	78	1	3-13,14,	82	2.8	14,263	3.52	502	17	85	-423	-.03	-19	-27
03-27-60 1038118 2778214 5-71				21	20		14,855	3.55	528						
1379713 TIDEN HEILO LEADER-TWIN.....		2	7	1-42	13	2.2	12,959	3.67	476	0	32	-253	+.02	-6	-12
04-14-58 915940 4358500 5-71					4		13,739	3.62	497						
1379726 MADCAP LOLA BUTTER BOY.....*		3	20	1-23	25	2.9	14,533	3.65	531	4	33	-240	-.03	-13	-17
01-01-60 1152252 4235781 5-71					30		15,416	3.77	581						
1379871 POPOSIA MADCAP RUBY.....*		2	16	2-81,83	18	2.8	14,885	3.41	507	6	28	-263	-.02	-12	-17
01-06-60 1070226 3983775 5-71					14		16,032	3.47	557						
1379881 OLIRLICH RETURN PRINCE.....*		3	7	2-35,57	14	1.9	10,255	3.69	378	10	32	-848	.00	-31	-48
12-10-59 1197956 4133348 5-71					6		12,839	3.72	477						
1379917 ADOHR GOLDEN STARDOM.....	93-16	40	15	5-82,87,	165	1.3	17,960	3.47	624	7	75	+1,059	-.03	+33	+55
02-15-60 1215448 3808375 5-71				91,92,93	82		16,833	3.50	589						
1379950 GERART PRINCE PILOT.....	42-02	94	2	4-41,42,	140	2.6	13,948	3.51	489	10	89	+167	-.09	-7	-1
12-29-59 1175596 3591804 5-71				73,74	11		13,740	3.62	497						
1379951 WINFIELD LOCHINVAR PREMIER....*		4	28	1-42	40	2.5	14,426	3.47	501	3	36	+157	.00	+5	+8
04-07-60 1307536 4157783 5-71					20		13,991	3.46	484						
1379987 CRESTON KING RAVEN.....		1	20	1-34	20	3.1	14,172	3.72	527	11	28	-124	+.04	+1	-2
04-08-60 1276048 3818438 5-71					18		14,701	3.56	524						
1379988 CSMAN RDBURKE ORMS8Y FOBES...*		1	15	1-35	15	3.5	18,660	3.35	625	7	27	+797	-.07	+18	+36
03-12-60 1303900 3983949 5-71					8		15,868	3.55	563						
1380031 TIDY BURKE ARK-TWIN.....		1	12	1-43	12	3.3	14,928	3.60	538	0	25	-32	-.03	-5	-5
11-18-59 1329249 4631947 5-71					28		15,185	3.73	567						
1380032 TIDY BURKE REFDRM-TWIN.....*		7	6	1-47	21	2.6	17,240	3.42	590	13	44	+652	-.09	+11	+26
11-18-59 1329249 4631947 5-71					41		15,963	3.58	572						
1380053 S & W PABST ADMIRATION.....*		7	11	3-31,32,	21	2.7	13,888	3.40	472	10	37	-152	-.03	-10	-12
03-20-60 1152252 4203639 5-71				57	26		14,342	3.50	502						
1380083 RDLLING KNOLL MAT ARISTOCRAT..	51-02	110	2	6-31,50,	165	2.6	13,021	3.73	486	14	90	-631	+.04	-18	-31
01-16-60 976710 2904186 5-71				51,52,54	21		13,697	3.71	508						
1380145 SIR ROSAFE HOMEMOND.....*		5	14	1-31	28	2.6	15,170	3.48	528	8	39	+249	-.06	0	+6
01-23-60 1138451 3211688 5-71					10		14,602	3.64	531						
1380164 IDNIA PABST SEGIS.....*		11	3	1-34	23	2.7	15,007	3.62	544	13	55	+265	+.03	+14	+18
10-04-59 1208164 2941007 5-71					16		14,584	3.57	521						
1380188 SISSDN FARMS HALO LEADER.....*		2	10	1-21	12	2.9	14,259	3.48	496	20	27	-55	-.01	-4	-5
05-15-60 1332637 4188374 5-71					12		14,526	3.56	517						
1380324 MACMERLE DEWDROP MAPLE.....*		8	2	2-21,23	10	2.2	13,568	3.37	457	10	37	-213	-.07	-17	-20
12-10-57 010218036 010645295 1-71					10		14,174	3.58	507						
1380328 KARANA MONARCH MONTY.....*		4	13	1-93	18	1.7	14,598	3.87	565	**	29	-229	+.07	+2	-4
01-12-60 1320002 4456655 5-71					33		15,566	3.62	564						
1380347 HAYSSEN FONO MARCELLUS.....*		2	8	1-35	10	3.3	10,529	3.81	401	13	26	-302	+.03	-7	-14
03-27-60 1250992 4245227 1-71					25		11,426	3.71	424						
1380371 COUNCIL ROCK AUTOCRAT.....	31-01	38	6	3-31,83,	76	2.4	13,877	3.47	481	17	74	-590	-.07	-30	-40
12-16-59 1113350 2464060 5-71				84	18		14,756	3.56	525						

REGISTRATION NUMBER / NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1380377 MASSILLON PATRIARCH MAGICIAN..*		2	21	1-31	23	2.9	14,882	3.35	499	19	29	-43	-.05	-8	-8
01-31-60 1138451 2978612 5-71					26		15,154	3.52	534						
1380382 LOCHEVALE OMAR MOSE.....*		1	10	1-31	10	3.2	18,985	3.32	630	13	24	+631	-.09	+10	+25
03-30-60 1196645 3270992 5-71					15		16,561	3.60	596						
1380401 WOODNORTH GREAT FURY.....*		3	18	1-35	22	2.2	14,325	3.50	501	26	29	-50	.00	-2	-3
12-28-59 1242799 3872118 5-71					14		14,567	3.53	514						
1380429 MANHEIM BESS WALKER.....*		4	6	3-11,14,	12	2.4	13,813	3.56	492	13	32	-145	+.02	-2	-5
02-23-60 1316245 3333954 5-71				21	20		14,312	3.51	502						
1380445 PRINCE X MASTER DICTATOR.....		2	10	2-23,41	12	2.3	9,530	3.71	354	33	25	-691	+.02	-22	-36
12-16-59 1328112 4593813 1-71					3		12,113	3.63	440						
1380550 GLENAFTON RAG APPLE SELECT....	91-13	303	6	9-81,82,	734	2.0	14,694	3.67	539	12	97	-151	+.08	+5	0
09-29-59 010249530 010869974 1-71				87,91,92	20		14,952	3.59	537						
1380639 SPRING EDGE TRITOMIA SIGNAL...*		6	4	4-32,33,	13	2.8	14,239	3.75	534	0	38	+544	+.04	+25	+35
02-20-60 1249065 4164756 5-71				43,57	17		12,678	3.65	463						
1380659 LEDGEVIEW C M RIPPER.....*		2	21	2-35,74	23	2.6	11,693	3.64	426	6	27	-163	+.01	-5	-8
07-11-59 1324669 4741374 5-71					4		12,107	3.66	443						
1380666 KOOI RAVEN BURKE.....*		3	28	1-93	55	2.3	18,341	3.69	676	8	43	+638	+.04	+29	+41
03-05-60 1113350 4192710 5-71					68		17,162	3.61	620						
1380679 DISTINCTION MAGIC CARNATION...		4	8	1-35	14	2.5	13,192	3.51	463	33	32	-130	-.02	-7	-9
01-02-60 1252142 3868670 5-71					9		13,569	3.58	486						
1380707 SKOKIE CREATION MISTER DUKE...*		5	22	1-21	35	2.5	17,001	3.51	596	**	37	+173	-.05	-1	+4
02-03-60 1288610 3963915 5-71					15		16,816	3.63	611						
1380724 FARRAR THONYMA ROCKET JACK....		1	14	1-43	14	2.4	13,977	3.43	479	**	24	+264	-.03	+5	+11
07-11-58 1252981 3480932 5-71					4		12,759	3.54	452						
1380756 KENFRED CRETE GLENN.....*		2	19	1-31	21	2.7	12,698	3.85	489	11	28	+38	+.02	+4	+4
05-21-60 1275048 3966654 5-71					7		12,409	3.81	473						
1380792 HOOSIER TRAVELER.....		2	15	1-32	19	2.6	14,718	3.51	517	19	29	+82	-.05	-4	-1
12-08-59 1130632 3434070 5-71					6		14,491	3.71	538						
1380795 HOOSIER ROYAL QUALITY.....*		3	7	1-32	13	2.9	13,870	3.64	505	8	33	+60	.00	+2	+3
11-05-59 1158687 4219889 5-71					11		13,657	3.64	497						
1380796 HOOSIER DARKY EMERALO.....*		8	5	2-32,52	19	2.1	14,433	3.28	473	24	42	+154	-.09	-7	-2
01-27-60 1158687 3845651 5-71					10		14,085	3.49	491						
1380818 FORESTCREST SIR BESS BURKE....*		7	2	1-31	10	2.4	14,696	3.67	540	20	36	-4	+.04	+6	+5
10-30-59 1029659 4102150 5-71					14		14,794	3.56	526						
1380967 THONYMA RAVEN DAN.....		1	29	1-48	29	2.3	16,113	3.66	590	**	27	+281	-.02	+8	+14
10-22-59 1113350 4191618 5-71					7		15,207	3.74	569						
1380968 THONYMA HAPPY RAVEN.....	23-13	4	31	2-48,51	43	2.0	16,255	3.57	580	**	34	-126	+.08	+6	+2
01-09-60 1113350 4410787 5-71					15		16,931	3.35	568						
1381027 IDEAL FURY REFLECTOR.....*	31-02	472	6	37-21,31,	1,222	1.3	14,693	3.68	541	12	97	-208	+.05	-1	-6
04-23-59 1298430 3872209 1-71				43,48,56	23		15,015	3.64	547						
1381111 ROD-ER-DIC MADCAP AAGGIE.....*		4	17	1-34	22	3.0	14,180	3.67	521	11	32	-214	-.03	-12	-16
01-06-60 1152252 3399635 5-71					30		14,963	3.79	567						
1381130 MASSILLON WINTHROP IDEAL.....*		1	21	1-31	21	3.6	16,108	3.41	549	5	29	+239	-.04	+3	+9
02-12-60 1113350 2586389 5-71					25		15,430	3.52	543						
1381171 RO-AL ADMIRAL LUCIFER AGAIN...*		2	14	1-34	16	2.0	12,102	3.66	443	36	25	-461	+.03	-13	-23
01-01-60 1210078 3990418 5-71					17		13,919	3.57	497						
1381229 FOBES LYONEL CONOY FARMS.....*		1	14	1-23	14	1.7	12,497	3.77	471	9	22	-632	-.02	-25	-37
11-07-59 1131061 3182559 9-70					13		15,502	3.84	596						
1381256 GRAY VIEW HARMONIZER C.....*		1	33	1-93	33	2.3	14,559	3.41	496	3	28	-451	.00	-16	-25
03-15-60 1304384 4397173 5-71					62		16,420	3.42	561						
1381258 GRAY VIEW SKY CRESCENT.....*		6	4	3-31,52,	11	2.1	12,865	3.58	460	25	34	-377	+.02	-11	-19
01-04-60 1244845 4587524 5-71				55	11		13,990	3.55	496						
1381260 GRAY VIEW CRITERION NICO.....*		2	31	2-35,52	38	1.7	13,959	3.67	512	16	29	-232	+.05	-1	-7
03-21-60 1244844 4397186 5-71					18		14,844	3.52	522						
1381275 NIEDERJOHNS DUKE COMMANDER....*		3	4	1-73	12	1.8	11,426	3.12	356	13	33	-136	-.04	-11	-13
03-10-60 1112211 4102709 5-71					3		11,603	3.27	379						
1381281 LAVACRES DUSTY DELAND.....*		11	1	2-43,93	13	1.8	15,711	3.79	596	**	43	-427	+.11	0	-11
04-04-60 1205185 4258510 5-71					65		17,015	3.57	608						
1381290 BALLARDVALE RAVEN BLUEBERRY...*		13	6	3-12,13,	35	2.9	13,512	3.61	488	4	58	+46	+.01	+3	+4
05-01-60 1113350 4010168 5-71				14	26		13,377	3.60	481						
1381322 CHESTNUT KNOLL ALBERT ANDY....*		3	18	1-52	25	2.9	12,579	3.94	496	10	34	-384	+.06	-6	-15
02-16-60 1248255 2673801 5-71					18		13,702	3.78	518						
1381327 LOU-IDA KHRIS KRINGLE.....*		1	16	1-31	16	3.2	12,326	3.48	429	9	26	-223	-.03	-12	-16
01-02-60 1336324 3446527 5-71					11		13,089	3.64	476						
1381344 ROSNI SCHOOLMASTER DIONE HALE.		1	18	1-52	18	2.5	16,439	3.60	591	8	26	+128	+.02	+7	+9
06-02-60 1181068 3487831 5-71					36		16,170	3.54	572						
1381405 BUTTERCUP VAR GLAMOUR BOY.....*		3	29	2-33,35	35	2.8	13,089	4.09	535	6	32	-52	+.02	+1	-1
02-26-60 1301788 4059739 5-71					33		13,179	4.06	535						
1381457 PABST OLIVER ROAMIDE.....*		1	21	1-35	21	3.2	13,199	3.56	470	11	28	+86	-.02	0	+2
02-13-60 1194954 2939395 5-71					29		12,777	3.64	465						
1381458 PABST OLIVER DUKE.....*		9	30	2-21,34	56	2.3	15,321	3.69	566	22	41	+175	.00	+6	+10
02-29-60 1194954 4293462 5-71					35		15,001	3.71	557						
1381463 SUNNYDECK WIS CHAMP SENATOR...*		7	20	1-91	38	3.5	16,046	3.35	538	0	43	+52	-.02	-1	+1
01-07-60 1144238 3644478 5-71					37		16,145	3.39	548						
1381506 SOUTHWIND ADMIRAL BUD-TWIN....*		2	26	1-74	28	3.5	13,749	3.37	463	0	30	-111	+.03	0	-3
08-28-58 1090258 4220916 5-71					19		14,135	3.28	463						
1381507 BAYARD WALKER GLENAFTON.....*		8	2	2-52,54	14	2.6	11,855	3.83	454	18	45	-1,049	+.09	-26	-49
03-11-60 1255512 4088336 5-71					20		14,209	3.62	514						
1381532 CASH-MAR BENEFACTOR FOBES.....*		4	6	1-34	11	2.3	13,886	3.56	494	27	29	-485	.00	-17	-27
02-25-60 1301462 3639294 5-71					8		15,724	3.56	560						
1381572 PINEHURST ORMSBY RAG APPLE....*		3	14	1-93	27	2.3	15,198	3.68	560	0	38	+178	-.05	-1	+4
02-28-60 1211333 4315007 5-71					31		14,823	3.85	571						
1381614 EXRANCO MAGIC IDEAL MAPLE.....	91-13	64	10	5-81,82,	215	1.5	15,303	3.66	560	18	84	-499	+.08	-7	-19
03-30-60 010218036 4532434 5-71				91,92,93	48		16,114	3.58	577						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1381710 RUDESTER AAGGIE PERFECTION....*		4	4	2-91,92	12	1.7	14,450	3.47	502	0	33	-139	.00	-5	-8
12-30-59 1288630 3164925 5-71					9		14,981	3.49	523						
1381711 KAYTEE ADMIRAL FOBES.....*		2	60	1-93	62	2.3	14,692	3.43	504	8	30	+330	-.03	+8	+15
05-04-60 1257240 3499841 5-71					37		13,540	3.51	475						
1381736 WALLMAC SEGIS BURKE HAZE IDEAL*		3	16	1-52	33	2.2	15,959	3.51	560	5	40	+311	-.06	+3	+11
08-01-59 1309177 4220289 5-71					12		15,321	3.64	557						
1381745 HARDEN FARMS NOEL MAPLE-TWIN..*		4	30	1-34	36	2.9	14,741	3.74	552	6	32	+178	-.01	+5	+9
05-12-60 1315498 4227550 5-71					19		14,215	3.81	541						
1381747 TIHO NOEL WIS BURKE JOE.....*		6	16	2-43,84	40	2.5	15,501	3.61	559	8	45	+180	+.02	+10	+13
05-22-60 1315498 4616228 5-71					50		15,232	3.55	541						
1381770 OAK BEND ROMEO DELIGHT.....	41-01	65	2	4-41,42,	79	2.9	14,923	3.44	513	7	83	+817	-.10	+14	+33
09-22-59 1132684 3847526 5-71				45,46	15		13,944	3.56	496						
1381854 CEDAR SHADE ADMIRAL FOBES.....*		1	11	1-23	11	3.3	15,083	3.49	527	0	25	+567	-.04	+14	+26
02-13-60 1210078 4001612 5-71					10		12,670	3.69	467						
1381871 WOODBOURNE GOREWOOD REFLECTOR.*	91-13	108	6	6-23,82,	249	1.3	15,422	3.75	579	21	89	-403	+.14	+4	-7
12-06-59 1298430 4416523 5-71				91,92,93	25		16,094	3.62	582						
1381970 ELMOKA BERTRAM.....*		3	31	1-41	35	2.4	14,781	3.61	534	9	30	+27	.00	+1	+2
05-12-60 1300481 3762751 5-71					27		14,772	3.62	535						
1381987 BRAUNS GRAND MASTER.....*	35-05	36	2	2-33,35	59	2.7	14,352	3.67	527	13	78	+60	+.01	+3	+4
12-14-59 1223920 3184976 5-71					14		14,312	3.67	525						
1382042 PUGET SOUND PROSPECT.....*		4	7	1-82	12	3.3	14,762	3.16	467	0	32	-158	-.03	-10	-12
01-02-60 1315253 3410977 5-71					7		15,413	3.25	501						
1382175 ROSAFE LODESTAR PATRIOT.....*		5	10	1-34	17	2.5	12,553	3.45	433	0	33	+6	-.02	-2	-2
03-16-59 010249530 010979799 5-71					24		12,378	3.51	435						
1382176 ROMANDALE MAPLE BARON.....*	34-01	125	2	13-32,34,	192	2.3	14,406	3.49	503	16	91	+210	-.09	-5	+1
09-06-59 010218036 011345597 5-71				35,42,92	17		14,202	3.59	510						
1382185 S H ROYAL SWEET GENE.....*		7	4	5-33,51,	15	2.7	12,541	3.56	447	11	42	-255	+.01	-8	-13
10-16-59 1185325 4137162 5-71				52,57,63	24		13,063	3.56	465						
1382270 COCHRAN EMIL TERRITET.....*		6	6	2-16,21	15	3.5	13,001	3.85	501	0	39	-558	+.08	-10	-23
02-08-60 1306546 3669206 5-71					20		14,476	3.68	533						
1382311 CREEKS END INKA REFLECTOR.....*		6	3	3-14,16,	10	2.8	14,539	3.51	511	**	35	-20	-.06	-9	-8
02-27-60 1298430 3884994 5-71				21	30		14,671	3.69	542						
1382322 KING GREENWOOD BLOOM.....*		9	13	2-22,23	43	2.8	14,168	4.02	569	6	52	-555	+.15	0	-14
02-24-60 1121323 2720284 5-71					13		15,379	3.75	577						
1382333 MASTER SOVEREIGN ROLAND.....*		1	12	1-33	12	2.7	12,305	3.83	471	11	24	-167	+.04	0	-4
02-20-60 1288851 3868758 5-71					8		12,903	3.62	467						
1382363 OWEN IDEAL MAGICIAN.....		2	42	1-43	61	2.1	15,829	3.63	574	4	36	-142	+.02	-3	-6
04-02-60 1138451 4327675 5-71					36		16,483	3.61	595						
1382377 TABUR EMBLEM DUKE.....*		8	2	3-43,48,	11	1.9	14,766	3.35	495	11	38	+107	-.03	0	+3
01-26-60 1298430 4644812 5-71				73	11		14,542	3.42	498						
1382384 OVERLOOK FARM HI-LITE PANSY...*		1	14	1-21	14	3.2	14,108	3.73	526	0	26	-50	+.01	0	-1
11-23-59 1094305 4632340 5-71					27		14,344	3.67	527						
1382402 WILBEN RAG APPLE DUKE.....		2	8	2-32,35	10	2.5	14,244	3.62	516	20	24	-43	+.01	0	-1
06-19-60 1293580 4224732 9-70					22		14,477	3.60	521						
1382417 NAPSTAHOS IKE ELSIE DE KOL....*		6	16	1-93	31	1.7	15,037	3.65	549	25	37	-270	+.03	-6	-12
02-07-60 1150470 3660443 5-71					72		15,971	3.59	574						
1382418 NAPSTAHOS ROCKY ELSIE CORDA...*		7	16	2-55,93	43	2.2	17,325	3.38	586	12	46	+641	-.13	+4	+20
02-10-60 1150470 3974983 5-71					72		16,159	3.62	585						
1382445 WESTSIDE ARISTOCRAT CHAMP.....*		7	10	3-16,21,	30	3.2	14,992	3.72	558	8	49	-23	+.10	+13	+10
05-05-59 1124780 3936134 5-71				23	31		15,162	3.52	534						
1382467 ARWYN CAPTAIN BEN.....*		2	9	2-23,35	12	2.8	14,964	3.52	527	22	28	+32	-.03	-3	-2
05-30-60 1144239 3959680 5-71					28		14,949	3.65	545						
1382498 WILLOWLYN ROYAL MASTER SNOWBAL*		3	53	2-52,55	62	2.5	14,901	3.48	518	13	33	+259	-.04	+4	+10
12-27-59 1305460 3344228 5-71					16		14,134	3.58	506						
1382541 OAKMULGEE TIDY TOPPER.....*		3	20	2-52,55	24	3.0	16,326	3.68	600	13	31	-87	+.05	+4	+1
06-05-60 1189679 2961299 5-71					25		16,911	3.54	598						
1382546 MAROY HOMOZYGOUS-TWIN.....*		8	3	3-11,16,	16	3.1	17,180	3.39	583	0	47	+711	-.09	+12	+28
11-24-59 1304886 4381202 5-71				21	18		15,844	3.55	563						
1382548 QUIN LYNN EX DANCER.....*		1	21	1-48	21	3.5	11,789	3.67	433	0	28	-175	+.02	-3	-7
11-22-58 1268528 3821392 5-71					15		12,252	3.62	443						
1382571 BUTZRIDGE RICKY IDEAL LAD.....*		3	37	2-33,43	41	2.8	12,937	3.93	508	3	32	+56	+.03	+6	+6
06-09-59 1273942 3910001 5-71					18		12,630	3.87	489						
1382580 MIDLAND ORMSBY ROYAL MOSE.....	31-02	7	25	3-31,56,	47	1.7	18,406	3.40	625	**	38	+164	-.01	+4	+8
05-26-60 1196645 4042047 5-71				93	35		18,420	3.40	627						
1382608 BREEZEWOOD SPARKLER-TWIN.....*		3	7	2-31,35	15	2.9	13,757	3.63	500	0	37	-21	.00	-1	-1
02-18-60 1247237 3816059 5-71					16		13,801	3.66	505						
1382643 BARFARM ROYAL BILL.....*		1	17	1-23	17	2.5	14,746	3.85	568	0	25	+13	-.01	-1	0
01-02-60 1305460 4290396 5-71					24		14,778	3.94	582						
1382667 GRAFTON RAVEN BURKE.....*		1	24	1-31	24	2.5	14,007	3.28	459	0	27	+364	-.06	+5	+14
04-21-60 1113350 4132832 5-71					32		12,534	3.45	433						
1382682 WIPLEDALE GOLDEN MISTER.....	52-01	128	2	4-16,52,	198	2.8	13,180	3.61	476	14	92	-795	+.06	-21	-38
10-28-59 1170426 3664457 5-71				54,55	27		14,056	3.55	499						
1382692 REDSTONE DUNLOGGIN OLLY.....*		11	2	2-14,16	15	2.9	12,731	3.87	493	7	49	-661	+.08	-13	-28
03-09-60 1048655 4064794 5-71					18		14,112	3.72	525						
1382828 KINGSTEAD PABST EUGENE-TWIN...*	61-02	8	16	4-23,51,	30	2.6	15,578	3.77	587	4	38	+52	+.02	+5	+5
05-10-60 1232296 3936436 5-71				52,55	34		15,607	3.73	582						
1382855 ESMUR DOWNS BELBEAUTY M IDEAL.		1	12	1-41	12	2.4	8,533	3.77	322	0	23	-669	+.03	-20	-34
05-28-60 1330200 3199977 5-71					4		11,128	3.60	401						
1382881 WINFARM R B IDEAL.....*		5	11	1-21	41	2.9	17,131	3.58	614	13	53	+731	-.02	+24	+39
12-10-59 1113350 3333081 5-71					31		15,959	3.62	577						
1382883 SANDSDALE SOV FOND CHARMER....*		1	17	1-21	17	3.8	15,707	3.60	566	6	27	+24	-.03	-4	-3
11-08-59 010212300 4005933 5-71					25		15,804	3.76	594						
1382884 SANDSDALE SOV REFLECTION LUCKY*		6	4	2-21,23	15	1.7	13,920	3.60	501	8	38	-355	-.03	-17	-23
11-22-59 1224974 3688950 1-71					22		14,970	3.69	553						

REGISTRATION NUMBER NAME DF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1382904 HEMONDS CONCENTRATE FRED.....		1	19	1-11	19	2.5	13,473	3.65	492	25	25	-54	+.01	0	-1
03-25-60 1242278 4326009 5-71					6		13,665	3.58	489						
1382919 E-8 RAY SEGIS 8UTTER 8DY.....*		1	12	1-23	12	2.8	11,576	3.82	442	25	24	-373	.00	-13	-20
10-01-59 1289657 4237837 5-71					21		13,061	3.84	501						
1382928 KORNDYKE DICTATOR PETE.....*		1	15	1-51	15	3.3	12,027	3.86	464	0	27	-15	.00	0	0
09-22-59 1302610 4372406 5-71					18		11,882	3.86	459						
1382939 ROMANOALE EMPERDR.....*		27	17	11-35,42,	100	2.5	15,167	3.41	517	12	66	+94	-.06	-5	-2
10-10-59 010198998 010770928 5-71				85,86,87	84		15,145	3.49	529						
1382959 CHEMUNG GOVERNOR LAIRD.....*		4	3	2-21,93	10	2.8	13,736	3.86	530	0	35	-317	+.08	-1	-9
02-01-59 1142734 4050507 5-71					15		14,724	3.66	539						
1382990 8ILLANN DAIRY R DELLA LADDIE..		2	11	1-23	13	2.1	14,039	3.38	475	8	25	-129	-.05	-11	-12
02-13-60 1210295 3888776 5-71					12		14,633	3.61	528						
1382997 LARRD 8ESS 8URKE LAD ALBERT...*		9	11	2-42,43	27	2.5	14,115	3.63	512	14	42	-40	+.04	+4	+2
01-14-60 1191185 3546927 5-71					8		14,241	3.53	503						
1383004 PINEYHILL MAJDRITY.....*	91-11	843	7	31-34,35,	2,141	1.6	14,661	3.89	571	14	99	-14	+.25	+34	+28
11-26-59 1295523 4507238 5-71				41,42,93	18		14,758	3.66	540						
1383010 CLAYACRES 8LENDSTAR 8ELL 8OY..*		4	17	1-34	22	2.8	14,797	3.69	546	13	32	+237	+.02	+12	+16
04-28-60 1330864 4386279 5-71					9		14,073	3.62	510						
1383045 RANETT DIRECT TOPPER.....*		3	19	3-35,57,	24	2.0	12,722	3.64	463	**	30	-633	+.08	-12	-26
05-10-60 1283619 4342568 5-71				74	42		14,967	3.38	506						
1383048 RANETT CLARKDALE PATRICK.....*		6	4	3-34,35,	12	1.8	12,736	3.41	434	**	34	-368	-.01	-15	-22
06-12-60 1295702 4282650 5-71				57	31		13,802	3.47	479						
1383106 POESTENKILL MODEL IDEAL.....*		3	13	1-21	18	3.1	15,050	3.55	534	7	32	+224	+.01	+9	+13
07-15-60 1148993 3635784 5-71					46		14,393	3.52	507						
1383194 KNAPP INKA COLANTHA FRANK.....		2	8	1-61	15	2.9	11,748	3.64	428	14	34	-405	+.05	-8	-17
10-01-59 1241389 3500256 5-71					11		12,851	3.51	451						
1383209 HAMER SIR CLOVER DEAN.....*		6	2	2-35,42	12	2.3	13,504	3.87	522	10	39	-297	+.05	-4	-11
10-13-59 1272355 3913107 5-71					18		14,307	3.77	539						
1383247 ECRASO GOLDEN TOPPER.....*	72-01	236	7	12-23,31,	553	1.2	15,766	3.44	543	10	94	+889	-.14	+12	+33
01-01-60 1148087 4260473 5-71				51,63,72	25		14,918	3.57	533						
1383289 WIL-8RUST ELLIS IDEAL.....		1	17	1-47	17	1.9	14,276	3.61	516	**	24	+156	-.01	+4	+7
08-17-59 1319952 4385638 5-71					11		13,592	3.66	498						
1383300 8EL8ROOK ACE KING.....*		5	14	1-31	26	2.7	14,383	3.51	505	**	38	-370	-.01	-15	-22
12-28-59 1186187 3117355 5-71					6		15,528	3.56	553						
1383309 EJLANE ARLILE RO8INHODD.....*		2	36	1-32	43	2.5	12,131	3.77	457	9	33	-578	+.03	-17	-29
11-04-58 1339011 4415663 5-71					43		13,909	3.69	513						
1383311 ELL8ANK ADMIRAL 8URKE IOEAL...*	33-03	837	4	42-21,23,	1,465	1.3	15,647	3.57	558	11	98	+564	-.06	+12	+25
07-22-59 1013415 3472936 5-71				35,48,93	26		15,198	3.62	550						
1383380 8ELFAGORE ARISTOCRAT JUPITER..*		2	11	1-21	13	3.9	11,844	3.37	399	0	29	-110	-.03	-8	-9
09-26-59 1124780 4170900 5-71					25		12,037	3.50	421						
1383398 TEXANS ROYAL MASTER PRINCE....*		9	22	4-35,48,	44	2.5	13,885	3.44	477	**	43	-165	-.02	-9	-12
02-04-60 1305460 3302546 5-71				74,93	18		14,313	3.50	501						
1383425 DUEHOLM,GRAY VIEW WALKER.....*		5	14	2-31,35	26	2.3	13,935	3.60	501	**	37	-151	+.01	-4	-7
07-15-60 1244845 4287290 5-71					6		14,387	3.58	515						
1383426 SILVERTHORN CHAMPION.....*		3	18	2-81,93	23	2.9	12,657	3.54	448	**	31	-386	+.03	-10	-18
12-08-59 1169416 4617892 5-71					17		13,882	3.46	480						
1383427 8 O N C LA MASTER JANE MARK...*		10	2	2-55,57	12	3.3	13,653	3.76	514	0	45	-240	+.06	0	-6
01-24-60 1162188 3490067 5-71					19		14,212	3.63	516						
1383451 AJRF WAYNE OANTE.....*		2	22	1-93	24	2.5	16,907	3.48	589	21	28	+246	-.04	+3	+9
04-13-60 1279886 2793944 5-71					179		16,266	3.60	585						
1383468 SHEFFIELD CLIMAX IMPERIAL.....*	61-02	224	4	12-32,34,	425	1.7	14,693	3.46	509	16	94	+313	-.14	-8	+1
04-20-60 010260076 011181389 5-71				47,65,72	24		14,408	3.61	520						
1383545 WESTCREST CITATION.....*	35-05	15	7	5-35,42,	34	1.8	13,561	3.78	513	18	54	-313	+.05	-5	-12
12-05-59 1215958 4347808 5-71				57,63,64	29		14,170	3.72	527						
1383562 8OIVISTA SPIFFIE GETTIE.....*		7	23	3-82,87,	44	2.2	15,167	3.43	520	15	40	+558	-.03	+16	+28
08-24-59 1092490 4345504 5-71				93	30		13,740	3.46	476						
1383610 HOME LANE 8URKE LEANDER.....*		4	11	1-31	19	2.8	12,772	3.62	462	16	35	-454	.00	-17	-26
02-05-60 1230433 3483750 5-71					16		14,095	3.65	514						
1383626 SKY ROCKET 8URKE.....	41-01	301	2	6-35,41,	450	1.8	14,377	3.55	510	13	96	+74	-.03	-1	+1
03-27-59 1291724 4245050 5-71				42,45,46	14		14,339	3.58	513						
1383644 ELM-8ECCA COLANTHA MASTER.....*		4	17	3-22,23,	22	2.9	15,626	3.53	551	11	32	+293	-.07	+1	+8
07-19-59 1105403 4114636 5-71				52	18		14,786	3.75	554						
1383657 HAYSSEN RAG APPLE MAGICIAN....*	41-25	9	1	3-35,41,	11	2.2	13,636	3.84	523	30	40	-147	+.06	+3	-1
04-14-60 1138451 4078643 1-71				42	17		14,016	3.70	518						
1383759 MEADOWFARM OELIGHT TRANSMITTER*		13	17	5-21,35,	59	2.7	14,642	3.59	525	6	55	-38	-.04	-7	-7
06-11-60 1059819 2494802 5-71				42,52,55	35		14,800	3.67	543						
1383799 GRAHAVEN SHAMROCK.....*		16	11	4-21,23,	45	1.6	14,199	3.64	517	14	52	-205	-.08	-19	-21
02-16-60 010198998 010930255 5-71				31,34	21		14,671	3.82	561						
1383863 LAVACRES OICTATOR CALVERY.....*		6	13	1-93	22	1.7	15,940	3.54	565	6	32	-5	.00	0	0
05-15-60 1204163 3903730 5-71					40		16,181	3.55	575						
1383870 JO-JON 8URKE CYCLONE.....		1	18	1-93	18	1.0	18,397	3.38	621	**	20	+93	-.04	-2	+1
03-27-60 1209531 4353770 5-71					87		18,383	3.54	651						
1383890 PHILMAR RUBY 8EAUTY SNDW8DUND.		3	8	1-48	19	1.8	14,012	3.64	510	35	36	-109	+.05	+3	0
03-17-60 1235148 3532510 5-71					4		14,357	3.50	503						
1383912 NACHES MAOCAP SARGE.....*		6	4	1-91	14	2.6	14,066	3.58	503	0	41	-44	+.02	+1	0
02-18-60 1249795 2814144 5-71					22		14,203	3.52	500						
1383913 NACHES ADMIRAL MADCAP.....*		10	20	3-87,91,	50	1.9	14,948	3.63	543	13	45	-138	+.05	+2	-2
04-07-60 1152252 3557698 5-71				93	34		15,403	3.52	542						
1383926 PAWNEE FARM REFLECTION ADMIRAL*	35-21	342	4	15-34,35,	686	1.8	15,497	3.71	575	11	97	+739	+.06	+36	+49
02-16-60 1322381 3922839 5-71				41,43,47	16		14,821	3.66	542						
1384045 FOXLEASE LOCHINVAR MAGIC DEAN.*		3	26	2-52,55	30	2.4	14,719	3.92	577	15	30	-393	+.05	-7	-16
12-23-59 1315498 3289194 5-71					22		16,280	3.77	614						
1384047 LUCKY SEVEN ADMIRAL HICKORY...*		1	14	1-34	14	3.5	12,178	3.44	419	**	27	-180	-.02	-9	-12
02-22-60 1205938 4022710 9-70					24		12,734	3.55	452						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1384112 SUNRISE HERSHEY R A ADVANCE...*		3	12	1-23	20	3.7	17,874	3.65	653	0	36	+777	+.01	+29	+44
02-22-60 1156447 4117094 5-71					10		15,932	3.65	582						
1384150 MAVIEW VINSON TOGUS.....*		2	13	1-14	20	3.0	14,847	3.81	565	13	34	-42	-.01	-3	-4
07-23-60 1260169 3804036 5-71					18		15,089	3.88	586						
1384176 SONSTAHOS LEADER VAR.....		1	46	1-93	46	1.6	19,472	3.13	610	**	27	+338	-.09	0	+9
07-19-59 1150470 4668368 5-71					74		18,678	3.35	625						
1384181 WOODLEDGE LESTER FAY.....		1	24	1-52	24	1.3	11,311	3.53	399	6	23	-16	-.01	-2	-2
10-09-59 1306906 3957710 1-71					2		11,102	3.63	403						
1384207 SHEFFIELD CLIMAX BEAU.....*		16	10	6-21,22,	64	2.3	12,234	3.78	462	27	64	-834	+.07	-21	-39
11-23-59 010260076 010914512 5-71				23,51,52	25		13,484	3.68	496						
1384242 BLACK STAR ROLINOA BUTTER BOY.		1	44	1-93	44	2.5	14,286	3.53	504	11	29	-193	+.01	-6	-10
01-03-60 1152252 3838624 5-71					73		15,064	3.53	532						
1384257 BEAU SEGIS UNIQUE.....*		5	20	1-41	32	2.3	14,109	3.69	521	10	35	+51	.00	+2	+3
07-13-60 1304177 4389805 5-71					7		13,968	3.70	517						
1384370 KEYSTONE RAVEN BELLRINGER.....*		2	10	1-23	19	1.7	14,808	3.53	522	8	32	-331	.00	-12	-19
02-27-60 1113350 3244252 5-71					15		16,042	3.55	570						
1384372 RICH-HERD TEXAL MONTY.....*		8	12	1-93	34	2.4	16,743	3.58	600	25	47	-296	+.03	-7	-13
07-18-59 1150470 4295147 5-71					34		17,763	3.55	631						
1384438 FERTILE MEADOWS PRINCE NIG....		1	16	1-42	16	2.8	12,743	3.55	453	14	26	-331	.00	-12	-19
05-12-60 1332101 4218130 5-71					8		14,036	3.58	503						
1384455 BELMONT FRECKLES GOVERNOR.....		2	13	1-51	18	3.3	12,484	4.01	500	6	32	-187	+.05	0	-5
11-16-59 1240095 3940720 5-71					10		12,976	3.84	498						
1384478 INDIANA GENERAL COUNT.....*		6	6	2-32,61	14	3.1	17,312	3.67	635	0	37	+753	+.03	+31	+45
06-28-59 948154 3681458 5-71					25		15,400	3.61	556						
1384491 LANGOLA LEADER IDEAL.....*		2	27	1-41	29	2.7	13,886	3.47	482	4	30	-267	.00	-10	-15
07-17-60 1150470 4406346 5-71					14		14,887	3.50	521						
1384506 ROTHLAND MISTER OEAN.....	21-10	128	1	6-11,13,	140	1.9	15,588	3.54	552	10	89	+414	-.03	+11	+20
11-06-59 929962 3005512 5-71				14,16,21	21		15,255	3.57	544						
1384513 DEAN LOS ROBLES PEPPER.....		2	13	1-48	15	2.7	12,839	3.59	461	0	27	+173	.00	+6	+9
12-24-59 1178343 4257917 5-71					15		12,003	3.59	431						
1384559 GORLIB MAGICIAN KAPTAIN.....*		1	15	1-56	15	2.0	14,226	3.49	497	17	24	+6	-.01	-1	-1
07-24-60 1138451 4461408 5-71					24		14,230	3.56	507						
1384588 COUNCIL ROCK BURKE IDEAL LAD..*		7	5	1-21	17	3.4	16,681	3.72	620	7	45	-570	+.10	-7	-21
07-29-60 1013415 3643138 5-71					28		18,391	3.55	652						
1384606 DONCROFT MAJESTY.....*	23-09	149	5	11-15,21,	256	1.4	14,604	3.63	530	10	90	-387	-.06	-22	-28
02-10-60 1293580 3921889 1-71				23,50,51	20		15,158	3.70	561						
1384640 CARELLA POLY KING.....*		3	9	1-93	12	3.0	18,626	3.72	692	0	29	+420	+.03	+19	+27
03-07-60 1176260 3508536 1-71					25		17,542	3.65	640						
1384673 KING BESSIE REGAL LEADER.....*		1	16	1-93	16	1.8	15,738	3.44	541	7	23	+34	.00	+1	+2
07-18-59 1249434 2617264 5-71					66		15,773	3.42	539						
1384707 EDJARRY NOEL PABST.....*		5	10	2-51,56	17	2.1	13,372	3.51	469	**	32	-64	-.05	-9	-9
07-25-60 1315498 3649426 5-71					16		13,537	3.71	502						
1384742 G LEAN NOBEL BOY.....*		6	3	1-43	13	2.2	13,690	3.59	491	30	38	-19	.00	0	0
09-02-59 1279028 2686356 5-71					9		13,720	3.57	490						
1384745 BREEZEWOOD ROYAL CHAMPION.....*		2	11	1-22	21	2.7	16,589	3.48	577	0	36	+441	-.03	+12	+21
04-18-60 1247237 4291685 5-71					25		15,525	3.53	548						
1384784 FORT BIGHAM ABBEKERK TIDY.....*		1	12	1-23	12	2.8	13,814	3.38	467	0	25	+156	-.05	-1	+3
07-27-60 1273132 4787497 5-71					9		13,093	3.61	473						
1384815 MAPLE WATER MADCAP IDEAL.....		3	23	3-82,91,	29	2.7	12,280	3.69	453	17	32	-112	+.03	0	-3
10-06-59 1175596 3442784 5-71				92	7		12,488	3.61	451						
1384821 POLYTECHNIC RAVEN EMPEROR.....*		7	31	1-93	45	1.7	15,877	3.42	543	**	34	+96	-.04	-2	+1
03-18-60 1113350 4121378 5-71					86		15,775	3.54	558						
1384832 SPRING EDGE ISLA TRITOMIA.....*		5	17	3-13,23,	41	2.3	14,433	3.44	497	11	44	+329	-.07	+2	+10
06-12-60 1061907 4611493 5-71				35	12		13,662	3.59	491						
1384916 ROMANDALE MAJESTY.....*	33-03	82	5	25-13,21,	122	1.4	14,476	3.62	524	19	80	-441	-.01	-17	-26
10-07-59 010242131 5615723 5-71				23,32,33	23		15,147	3.64	551						
1384939 MACKAY SIR RINGO PABST.....*		3	9	1-21	13	2.3	11,144	3.45	385	17	27	-364	-.02	-16	-23
03-12-60 1271091 4148588 5-71					14		12,347	3.57	441						
1384982 ABBEYKOTA COMMANDER TOM.....		1	15	1-41	15	3.3	14,313	3.47	496	**	27	+159	-.01	+5	+8
08-20-60 1302218 3930479 5-71					25		13,698	3.47	476						
1385036 GREEN PASTURES R A MAPLE.....*	61-02	462	3	20-31,33,	851	2.0	15,063	3.54	533	13	98	+595	-.11	+6	+20
06-03-60 010218036 2790993 5-71				55,61,74	32		14,510	3.65	530						
1385073 WETHERBEE HOMESTEAD BUTTER BOY*		7	7	1-42	27	2.2	14,909	3.54	528	9	47	+104	-.04	-2	+1
01-17-60 1152252 4308958 5-71					17		14,773	3.64	537						
1385095 HALLCREST GRACIOUS JOE.....		1	11	1-21	11	3.7	12,555	3.62	454	0	26	-151	+.02	-3	-6
06-04-60 976710 3850569 5-71					14		13,058	3.57	466						
1385110 YANKTON IDEAL COLANTHUS FOBES.*		4	5	2-45,46	11	2.5	14,565	3.69	537	9	32	+176	-.01	+5	+9
09-02-60 1302774 4173798 5-71					26		14,019	3.74	525						
1385141 LAVACRES SUPREME M OENTON.....*		2	38	1-93	42	2.2	17,512	3.45	604	5	30	+150	-.04	0	+4
08-04-60 13B2768 4315608 5-71					43		17,345	3.57	619						
1385159 LOU WIMBLEDON ROMEO.....*		1	38	1-23	38	2.9	12,223	3.85	471	3	30	-344	+.05	-5	-13
07-19-60 1283313 3417382 5-71					13		13,320	3.69	491						
1385164 DUNCAN CREEK JOE MARK.....*		3	13	1-35	18	3.9	15,291	3.89	595	6	33	+305	+.02	+14	+20
07-28-60 1106334 3440944 5-71					16		14,426	3.86	557						
1385179 ZIMMERMAN LESTAR PLAYBOY.....*		1	95	1-21	95	3.2	12,976	3.90	506	9	32	-235	+.06	0	-6
02-01-60 1307857 4415220 5-71					46		13,694	3.72	510						
1385194 DANNA CREST ADMIRAL.....*		14	12	2-32,34	37	2.0	14,257	3.56	507	3	48	+231	-.04	+3	+8
12-12-59 1337952 4716675 5-71					8		13,757	3.64	501						
1385195 HILLSIDE STARDUST.....*		5	22	1-23	29	2.8	16,476	3.70	609	4	33	-392	+.02	-11	-19
02-21-60 1298430 3776781 5-71					33		18,076	3.66	661						
1385225 SKAGVALE ROYAL MONARCH.....	91-13	76	4	5-46,82,	136	1.3	16,583	3.62	600	12	84	+783	+.01	+29	+44
03-28-60 1305460 4457019 5-71				91,92,93	27		15,839	3.62	573						
1385226 SKAGVALE ROYAL INSPIRATION....*		8	24	3-86,91,	46	3.2	14,427	3.44	497	5	43	-157	-.02	-8	-11
07-15-60 1305460 3880121 5-71				92	34		14,889	3.49	520						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... OAUS	REC/DAU HM/DAU	HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1385260 CIRCLE H CHAMPION BOB.....*		5	10	1-23	18	1.6		12,531	3.54	444	13	31	-360	-.06	-21	-27
11-02-59 1243210 2709788 5-71					16			13,652	3.78	516						
1385388 K K ROCK RIVER ATHLONE.....*		9	2	2-43,73	16	2.6		14,409	3.57	514	8	48	-161	+.03	-1	-5
08-03-60 1210078 3964712 5-71					21			14,837	3.51	521						
1385410 SAPA SKA PAT ROBURKE.....		1	25	1-45	25	3.1		14,205	3.38	480	0	29	+16	-.03	-3	-2
08-12-60 1331029 4225852 5-71					19			14,172	3.49	494						
1385451 FARMGROVE BURKE BECKIE BURKGOV*		4	15	1-21	23	2.7		14,497	3.59	521	0	35	+256	-.01	+8	+13
02-02-60 1038509 3551682 5-71					81			13,745	3.62	497						
1385453 LAWRD REFLECTOR NORRIS.....*		3	28	2-21,23	35	2.3		13,964	3.65	510	18	31	-221	.00	-8	-12
12-17-58 1298430 2794211 5-71					26			14,758	3.69	544						
1385463 HIGHER VIEW THONYMA WEBER.....		1	11	1-48	11	2.6		13,065	3.48	455	**	24	-251	+.02	-7	-12
07-26-59 1157416 3388043 9-70					4			14,136	3.46	489						
1385539 SPERGER SUPERMASTER.....*		6	4	2-82,91	13	1.3		14,298	3.48	497	**	34	-285	-.06	-19	-23
12-21-59 1261140 4063280 1-71					28			15,276	3.68	562						
1385547 RANOALL MOOEL DANE.....*		1	20	1-31	20	3.0		10,802	3.23	349	18	27	-407	-.01	-16	-24
11-02-58 1267241 3738227 1-71					11			12,137	3.32	403						
1385562 QUALITY ZEUS EDUCATOR.....*	21-01	46	5	2-13,21	63	3.5		15,005	3.63	545	7	74	+242	+.02	+11	+15
03-15-60 922288 4029824 5-71					20			14,759	3.61	533						
1385564 MAGNET ORMSBY DUKE.....*		6	3	3-32,33,	12	2.7		13,504	3.72	502	33	40	-293	+.03	-6	-13
07-25-60 1293580 3575051 5-71				35	14			14,279	3.65	521						
1385586 NSH CHARCOAL IMPERIAL PARADER.		1	12	1-47	12	1.5		11,042	3.58	395	**	21	-47	.00	-2	-3
04-26-60 1078162 4180367 5-71					8			10,971	3.65	400						
1385598 BIG ROCK FRASEA KING.....*		2	9	1-21	11	1.1		14,881	3.67	546	**	21	+29	.00	+1	+2
03-24-60 1175596 4362360 5-71					7			14,826	3.68	546						
1385630 LITTLE RIVER WIS GRACE PIONEER*		2	34	1-56	36	2.5		13,724	3.85	528	3	29	-47	+.01	-1	-2
04-15-59 1013415 4395856 5-71					41			13,882	3.88	538						
1385681 BURKE B F TRIUNE MOOEL.....*	35-21	74	3	9-33,34,	105	1.6		14,754	3.66	540	10	81	+104	+.02	+7	+9
04-03-60 1326679 4165251 5-71				35,41,55	16			14,702	3.64	535						
1385708 WIS IMPERIAL PIONEER.....*		5	8	2-35,42	15	3.6		14,380	3.78	543	0	36	-292	+.04	-5	-12
08-12-60 1292880 4185273 1-71					7			15,347	3.68	565						
1385709 WIS OEFIANCE.....*		2	35	1-31	37	3.2		13,893	3.77	524	3	31	-33	+.04	+5	+3
08-14-60 1292880 3009985 5-71					32			14,011	3.63	509						
1385713 WIS RINGMASTER.....*		18	8	6-21,35,	38	2.1		12,709	3.89	495	23	53	-663	+.07	-15	-30
07-22-60 999669 3612216 5-71				41,42,55	23			13,954	3.78	528						
1385725 COOPER HILL SKYMAN-TWIN.....*		8	3	1-21	12	2.4		14,929	3.58	534	29	39	-212	+.01	-6	-10
08-08-60 1244845 3338875 5-71					17			15,643	3.55	556						
1385746 SCHUTZHOLM HOESLY VAR.....*		9	20	3-34,35,	35	1.8		13,261	3.61	479	**	37	+113	-.08	-7	-3
08-30-60 1056437 3941681 5-71				41	17			12,845	3.89	500						
1385798 HOLTEX ORMSBY OEWAYNE.....*		2	8	1-74	11	1.8		12,563	3.76	472	**	26	+5	+.03	+5	+4
07-05-60 1189470 4309554 5-71					4			12,388	3.61	447						
1385800 FLEETRIOGE COMMANOER.....*	16-04	30	3	4-13,14,	52	2.5		14,013	3.73	522	18	74	-643	+.05	-17	-31
10-19-59 1189870 2943335 5-71				15,16	26			14,989	3.68	551						
1385819 SHERWIN FONO OELIGHT SEGIS....*		4	6	1-23	11	2.7		16,334	3.39	554	50	29	+344	-.09	0	+9
09-17-59 1218298 3880029 5-71					13			15,287	3.68	563						
1385871 FARMSTEAD E LEADER GEM.....*	34-07	3	17	1-34	28	2.7		16,989	3.65	620	19	36	+447	-.02	+13	+22
05-24-60 1150470 3765696 5-71					19			15,948	3.72	593						
1385929 JON-OE BARON.....*		8	20	2-35,41	40	3.4		15,064	4.00	603	0	43	-64	+.08	+9	+6
05-07-59 1295578 3342596 5-71					17			15,356	3.84	590						
1385958 BUTTERCUP FOND HOPE PRINCE....*		2	6	1-35	11	2.6		12,423	3.99	496	0	30	-116	-.01	-6	-8
01-20-60 1243697 4371661 5-71					19			12,688	4.11	522						
1385993 INGLIS SENTRY.....	21-10	266	1	8-11,13,	317	1.6		15,131	3.72	563	15	94	-192	+.15	+14	+7
05-18-60 1085978 4071579 5-71				14,21,23	24			15,490	3.57	553						
1386035 ALBRECHT OISTINCTION DUKE.....*		3	11	1-46	17	3.5		14,793	3.58	530	0	35	+573	-.06	+12	+25
07-16-59 1291724 4364225 5-71					10			13,054	3.78	494						
1386036 ALBRECHT OISTINCTION MONARCH..	41-01	304	2	7-41,42,	448	1.6		14,130	3.57	504	13	96	-121	+.02	-2	-5
07-26-59 1291724 4364234 1-71				45,46,47	13			14,292	3.55	508						
1386046 PUDGET SOUND N A T O.....*		4	18	3-81,82,	23	3.2		13,306	3.25	433	0	33	-279	-.02	-13	-18
04-29-60 1315253 3880117 5-71				87	15			14,179	3.32	471						
1386058 SKOKIE REPEATER.....*	23-08	97	1	5-22,23,	112	2.5		13,446	3.82	513	16	88	-531	+.05	-12	-24
05-15-60 1288610 4364737 5-71				50,51,52	16			14,064	3.78	531						
1386074 LARKSPUR ROYAL MAOCAP GOV.....*		3	20	1-42	24	2.0		14,119	3.61	509	16	28	+256	.00	+9	+14
09-11-60 1305460 3510908 5-71					15			13,130	3.62	475						
1386107 WORK HOUSE OFLAR BUOD.....		1	11	1-23	11	1.6		11,638	3.73	434	30	21	-261	+.02	-6	-12
05-26-60 1327311 3089985 5-71					16			12,786	3.64	465						
1386128 EXRANCO RAG APPLE MAPLE.....	93-03	8	5	2-86,93	28	2.2		16,824	3.39	571	5	53	+532	-.13	0	+14
07-20-60 010218036 3800642 5-71					115			16,022	3.61	579						
1386191 THONYMA RANGER.....*	31-02	36	2	8-31,43,	57	3.5		15,417	3.72	574	10	78	+725	+.12	+44	+55
02-12-60 1113350 3213409 5-71				55,56,71	28			14,550	3.57	519						
1386231 TOPS IVANHOE COMMANOER ROCKY..*		11	12	5-11,12,	54	2.0		15,341	3.83	588	6	57	-535	+.10	-6	-19
06-06-60 1189870 3807255 5-71				13,16,21	26			16,544	3.69	611						
1386279 AOOHR SKOKIE MAJOR.....	93-02	3	10	2-86,93	23	1.5		14,566	3.60	525	**	35	-241	+.03	-5	-10
04-04-60 1215448 3802945 5-71					201			15,402	3.54	546						
1386287 E M C ROCKY ROYAL.....*		13	8	1-93	47	2.5		16,410	3.43	563	9	61	+349	-.07	+3	+12
09-05-60 1305460 3220638 5-71					35			16,047	3.51	564						
1386291 OIX HILL HYATT GOVERNOR.....	55-01	19	9	1-55	77	1.6		16,497	3.61	595	4	66	-151	-.02	-8	-11
07-15-60 1194894 3758812 5-71					36			17,035	3.65	621						
1386295 HAWKEYE RAVEN SUPREME BURKE...*		2	13	1-42	22	1.9		12,350	3.55	438	29	32	-380	.00	-14	-21
01-18-60 1331950 4654278 5-71					18			13,485	3.57	482						
1386406 DEE ANN RAG APPLE MAPLE.....*	91-11	786	8	33-23,34,	2,184	2.0		15,371	3.66	562	11	99	+763	+.02	+31	+46
10-20-59 010218036 4679674 5-71				35,41,42	21			14,670	3.64	534						
1386482 WILLOW FARM WORTHY LAD.....*		11	4	4-11,12,	24	2.4		15,525	3.72	578	5	53	+204	+.01	+9	+13
08-23-60 1124780 2913909 5-71				14,16	13			15,268	3.71	567						
1386525 GYPSIE DIXIE BILL.....		1	16	1-35	16	4.0		14,908	3.56	530	7	28	+193	-.01	+5	+9
03-12-60 987497 3396095 5-71					10			14,248	3.61	515						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	%	FAT	% 1ST INC	% REPT	PREDICTED DIFFERENCES MILK	%	FAT	$$
1386617 MAYTAG PANSCO ORMSBY ARTHUR...		1	19	1-42	19	1.7	10,661	3.14	335	**	24	-399	-.07	-24	-30
12-24-59 1185854 3898627 1-71					4		12,186	3.57	435						
1386654 THONYMA INSTRUCTOR.....*	31-02	42	2	5-31,32,	59	2.3	13,774	3.61	497	21	77	-596	.00	-21	-33
08-06-60 1181068 3417595 5-71				43,55,56	24		14,620	3.61	528						
1386655 HERCHENHAHN DIXIE DEAN.....		1	31	1-65	31	2.2	12,910	3.52	454	7	27	+158	.00	+5	+8
09-19-60 1322067 3946061 1-71					11		12,143	3.52	428						
1386730 ELEVATION TIDY BALLYHOO.....*	31-02	8	13	4-31,43,	38	2.3	14,771	3.69	545	13	47	+172	+.03	+10	+13
10-02-60 1271810 2923370 5-71				48,64	19		14,456	3.65	527						
1386774 KINGSTEAD OARKY ANDY.....*		5	19	3-51,52,	26	2.0	15,897	3.62	576	8	31	+34	-.03	-3	-2
09-30-60 1345974 3376291 5-71				55	34		15,992	3.75	600						
1386777 KINGSTEAD CHAMPION MODEL.....*		7	16	4-23,51,	31	1.9	16,956	3.68	624	12	37	+388	-.01	+13	+21
06-13-60 1024856 4306105 5-71				52,55	30		16,139	3.71	598						
1386808 LAD MISTY ROAMER.....*		3	8	1-23	14	3.9	13,999	3.47	486	0	35	-78	-.06	-11	-11
09-13-58 1102436 4094124 5-71					9		14,257	3.66	522						
1386817 HOKELAND BUTTER BOY KING.....*		4	25	1-32	42	2.6	11,585	3.57	414	10	39	-496	+.04	-12	-23
07-12-60 1152252 4023556 5-71					36		12,749	3.47	442						
1386831 WINNEBAGO MIKE BALDWIN.....*		3	23	2-35,74	27	2.2	12,195	3.66	446	0	29	+36	-.01	0	+1
06-17-59 1260564 3426049 5-71					29		11,862	3.72	441						
1386841 WIL-O-ANN VAN LEADER.....*		24	4	9-33,35,	35	2.5	15,131	3.50	529	9	63	+694	-.10	+11	+27
10-03-59 1150470 3530264 5-71				42,57,74	21		14,039	3.65	512						
1386846 ATHLONE SKY KING.....*		3	49	1-41	53	1.9	13,991	3.61	505	32	29	+37	-.01	0	+1
09-11-60 1244845 4268345 5-71					9		13,851	3.65	505						
1386854 OAKTON DUKE CORNUCOPIA.....		3	7	2-31,33	10	1.5	11,782	3.34	393	**	24	-160	-.06	-14	-16
08-31-60 1315170 4181089 5-71					15		12,281	3.65	448						
1386856 OAKTON SOV BURTON TOPPER.....*		4	12	1-31	24	2.1	15,435	3.41	527	21	37	+67	-.05	-4	-2
03-10-60 1070845 3661033 5-71					13		15,400	3.54	545						
1386857 RICHLAND TIDY RAINBOW KING....*		1	22	1-11	22	3.0	11,422	3.54	404	**	28	+160	-.03	+2	+6
03-29-60 1041559 3304804 5-71					16		10,508	3.68	387						
1386858 CLANYARD ADMIRAL JIM BEY.....*	61-02	267	3	13-32,33,	466	1.8	13,549	3.62	491	20	96	-720	-.06	-34	-47
09-06-60 1152351 2827868 9-70				35,42,74	22		14,341	3.70	530						
1386859 CLANYARD RAG APPLE TRI-VIC....*	61-02	145	2	9-31,33,	207	2.1	14,884	3.72	554	11	92	+904	+.02	+36	+53
09-19-60 1182696 3756059 5-71				35,61,84	18		13,897	3.71	516						
1386883 CAMPAIGNER RE-CHARITY.....*		2	39	1-93	41	2.4	16,988	3.37	572	3	29	+274	-.03	+6	+12
06-08-60 1339436 4437557 5-71					63		16,288	3.41	556						
1386911 FERTILE MEADOWS PRINCE PROF...*		1	30	1-35	30	2.4	15,677	3.55	557	6	28	+360	-.02	+10	+18
10-01-60 1332101 4053052 5-71					11		14,421	3.63	524						
1386917 KNOB VIEW HURLWOOD WALLIE.....*		3	7	2-23,51	18	2.7	16,096	3.35	539	7	39	+295	-.17	-14	-4
05-10-60 1190632 3841386 5-71					17		15,501	3.77	584						
1386934 ALBERTVILLE LEADER SALLY K,...		1	23	1-35	23	3.4	15,881	3.34	531	5	29	+195	-.06	-1	+4
01-10-60 1216958 4086186 5-71					8		15,338	3.54	543						
1386958 BRIGEEN GOLDEN DUKE.....*		1	12	1-11	12	2.5	12,095	3.87	468	**	23	-121	+.04	+1	-2
07-29-60 1293580 4681883 5-71					13		12,469	3.67	458						
1387085 CHINOOK HAL DAN.....		2	10	1-91	12	2.3	13,033	3.62	472	29	25	-50	.00	-2	-3
06-28-60 1339464 4232511 1-71					7		13,159	3.67	483						
1387097 RICHTAN LAD MOSE.....		2	48	1-43	50	2.6	15,093	3.44	519	0	30	+180	-.05	0	+5
05-11-60 1196645 4393196 5-71					13		14,563	3.58	521						
1387140 GREEN MEADOW ADVANCER.....*		3	30	1-34	34	2.7	15,127	3.60	545	6	31	+173	-.01	+5	+9
04-29-60 1303180 3579844 5-71					21		14,632	3.62	530						
1387156 COOPER HILL BLACK DIAMOND.....*		11	7	2-14,16	33	3.0	13,887	3.77	524	15	55	-367	.00	-13	-20
07-05-60 915940 3819579 5-71					40		14,625	3.79	555						
1387171 ATLASTA IVANHOE BLAZER.....*		9	10	3-14,16,	33	2.9	16,513	3.74	617	13	49	+483	+.03	+22	+31
03-28-60 1189870 3892821 5-71				21	14		15,707	3.70	581						
1387182 IRVINGTON KING.....*		2	14	1-51	18	3.8	12,721	3.55	451	0	32	-322	.00	-11	-17
05-24-60 1312592 4258291 5-71					42		13,723	3.54	486						
1387191 GREEN GOLD MONITOR.....		1	10	1-12	10	2.3	12,993	4.05	526	11	22	-197	+.03	-3	-8
08-21-60 1292900 4410624 5-71					20		13,900	3.94	548						
1387257 LEBANON SUPERIOR ARISTOCRAT...*		1	33	1-31	33	3.0	14,106	3.40	479	9	29	-187	+.02	-4	-8
05-25-60 1124780 3571878 5-71					61		14,837	3.33	494						
1387262 GREEN COVE WIS INK.....*		2	12	1-31	21	3.3	12,084	3.53	427	11	37	-478	-.05	-24	-32
02-27-60 1013415 3876252 5-71					11		13,332	3.71	495						
1387273 DON-RO ROMEO SUPREME.....*		3	9	1-61	12	2.6	14,025	3.55	498	0	28	-2	.00	0	0
12-13-58 1232249 4126379 5-71					14		14,046	3.54	497						
1387275 U NEVADA BURKE STRATE NADA....*		3	9	1-93	12	1.1	15,612	3.32	519	**	23	-243	-.01	-10	-15
08-10-59 1220559 3001454 5-71					107		16,998	3.39	576						
1387355 CRACKERLAND ADMIRAL DEWDROP...*		6	3	2-57,64	13	1.9	14,589	3.32	485	0	39	+223	-.04	+2	+7
10-07-60 1214152 3800148 5-71					12		14,020	3.40	477						
1387372 HILLANDALE FARM R PETE.....*		8	2	3-35,42,	14	2.3	15,045	3.49	525	22	42	+234	-.04	+3	+9
09-01-60 1268533 3998614 5-71				43	9		14,554	3.57	519						
1387389 DEER VIEW SUNLEA TY VIC.....*		1	21	1-21	21	3.5	14,824	3.42	507	5	29	+88	-.01	+2	+4
09-11-60 1326163 4612187 5-71					30		14,579	3.42	498						
1387451 VALLEY DRIVE ROYAL ADMIRAL....*		3	8	3-21,35,	13	2.5	14,420	3.51	506	0	30	+9	-.02	-3	-2
05-27-60 1305460 3271464 5-71				63	26		14,438	3.61	521						
1387457 U M DAUNTLESS DUNLOGGIN MASTER		4	6	1-11	14	2.5	14,763	3.49	515	0	34	-104	-.05	-10	-11
07-11-60 1181068 3593769 1-71					22		15,195	3.63	552						
1387465 PINEHURST ADMIRAL INVADER.....*		3	18	1-42	23	3.4	14,575	3.42	499	0	33	+247	-.06	+1	+7
07-21-60 1286826 3880169 5-71					9		13,815	3.58	494						
1387466 PINEHURST KLAZERINA CYCLONE...*		3	9	1-41	14	3.1	11,951	3.67	439	10	32	-532	.00	-19	-30
07-25-60 1341786 4699514 5-71					12		13,586	3.68	500						
1387510 PUELICHER REGAL LOIS PRIDE....*		5	6	2-23,52	15	2.8	13,104	3.95	517	25	37	+47	+.08	+13	+12
02-20-59 901195 3742572 5-71					18		12,868	3.71	478						
1387526 WALO-O-MAR VICTORY LEADER VIC.*		2	21	1-35	41	3.2	15,206	3.71	564	**	43	+244	+.01	+10	+15
11-30-59 1150470 4408174 5-71					13		14,720	3.71	546						
1387603 VANLURE CRUSADER WAYNE.....		1	31	1-21	31	2.6	18,669	3.63	677	6	29	+732	-.02	+23	+38
10-14-60 1179373 4079766 5-71					29		16,349	3.72	608						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES ND- WITH MOST DAUS	DAUS HM/DAU	REC/DAU HERDMATE	MILK MILK	% %	FAT FAT	IST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1387610 PRINCE MARCO FEZ.....		2	14	1-14	16	3.1	13,269	3.97	527	15	28	-251	+.05	-2	-8
03-04-60 1243126 3276202 5-71					11		14,200	3.80	540						
1387634 WILLOWDALE PRINCE CRITERION...		4	31	1-82	37	1.9	14,785	3.49	516	31	29	-203	.00	-8	-12
09-24-60 1336659 3769585 5-71					5		15,653	3.51	550						
1387650 WESTVIEW DEAN IMPERIAL.....		1	24	1-21	24	3.3	16,553	3.65	605	17	28	+82	+.01	+4	+5
08-17-60 1085978 4418441 5-71					27		16,520	3.63	599						
1387681 UNH DAPPER HONOR.....*		11	1	2-13,21	12	1.4	13,773	3.65	503	30	40	-621	+.04	-17	-30
10-29-60 1287114 3911526 5-71					18		15,477	3.57	552						
1387725 RAINBOW CONSTANT 14TH.....		1	68	1-34	68	2.7	13,093	3.18	417	2	30	+41	-.05	-6	-4
08-15-60 1319457 4389132 5-71					39		12,848	3.37	433						
1387727 RAINBOW CONSTANT 16TH.....		1	12	1-34	12	3.2	12,110	3.84	465	25	25	-215	+.02	-5	-10
09-24-60 1319457 4006096 5-71					11		12,882	3.80	489						
1387797 ELM HOPE GRACIDUS DESIGNER....*		15	4	2-21,23	28	3.1	15,100	3.46	522	13	58	-70	-.07	-12	-12
01-11-60 1168575 3313560 5-71					21		15,364	3.57	548						
1387821 BROWNSON SYMBOL QUEEN KING....		1	15	1-34	15	3.8	13,960	3.67	512	7	27	+166	+.01	+7	+10
04-24-60 1189593 4215564 5-71					19		13,273	3.65	484						
1387834 DIAMOND S SIR CANVAR BVAR.....	91-13	11	7	2-91,93	37	2.1	16,772	3.55	595	5	56	+193	-.02	+4	+8
11-13-59 1240549 3922357 5-71					90		16,702	3.58	598						
1387850 NI-CRETE ROYAL MASTER MAID....*		15	8	7-21,22,	36	2.6	12,378	3.68	455	16	54	-786	+.01	-27	-43
05-12-60 1305460 4353822 5-71				23,31,34	34		13,821	3.68	508						
1387862 SUNNY VALLEY KEN-KAY MAGICIAN.*		8	2	7-31,34,	12	1.9	12,905	3.64	470	17	39	-103	+.03	0	-3
07-22-60 1138451 4517248 5-71				52,55,63	20		13,086	3.56	466						
1387885 NE-SHO GOVERNOR BURKE LEADER..*		5	18	1-43	25	3.0	15,873	3.49	554	6	34	+207	-.02	+4	+9
06-16-60 1150470 3616026 5-71					22		15,405	3.56	548						
1387910 OHIO COUNCIL ROCK PRIDE.....		3	9	1-31	14	1.9	15,114	3.59	543	25	28	+565	.00	+21	+32
07-24-60 1124780 3945829 5-71					5		13,033	3.56	464						
1387912 GAVIEW IVANHOE TOP TREAT.....		1	11	1-23	11	2.7	13,214	3.84	507	9	23	+16	.00	0	0
10-28-60 1189870 4539769 9-70					7		13,058	3.88	507						
1387925 ELMARTIN ECLIPSE.....*		10	3	4-13,14,	18	2.0	13,842	3.70	512	8	47	-36	+.02	+1	0
06-22-60 010239301 4422170 5-71				21,54	26		13,918	3.67	511						
1387939 EJLANE PRINCE FRED.....*		1	15	1-32	15	3.3	16,796	3.75	630	**	27	+148	+.03	+9	+11
04-17-60 1284909 3707294 5-71					21		16,506	3.68	607						
1387977 HAYSSEN PRINCE OANDY.....*		9	2	1-34	12	2.8	14,578	3.70	540	22	41	-149	+.05	+1	-3
09-22-60 1303434 4254621 5-71					9		15,052	3.60	542						
1387978 HARTSBROOK IVANHOE KEN.....	35-75	248	2	30-21,23,	333	1.1	16,151	3.62	584	13	93	+996	-.01	+34	+54
09-10-60 1189870 3635252 5-71				35,41,55	18		15,211	3.64	553						
1387979 MAN-O-WAR B F CRESCENT DOUBLE.	42-02	105	2	4-35,42,	163	2.2	13,044	3.61	471	22	90	-533	-.01	-20	-30
06-30-60 1188731 4610498 5-71				43,73	14		13,605	3.63	494						
1387980 BURKE B F TRIUNE PAL.....*		1	13	1-35	13	3.0	14,299	3.49	499	18	25	-235	-.03	-13	-17
06-05-60 1326679 3990976 5-71					9		15,407	3.65	562						
1388001 CASH-MAR HEADLINER MAGGIE.....*		3	17	1-52	21	2.1	12,218	3.39	414	37	28	-270	-.02	-13	-18
08-02-60 1333526 3363041 5-71					31		13,099	3.51	460						
1388011 CASH-MAR ROSE MODEL LASSIE....*		2	12	1-32	14	3.0	16,062	3.37	541	0	28	+52	-.01	0	+1
08-30-60 1183958 4406512 5-71					20		16,090	3.42	551						
1388044 HEUERS DEAN CITATION.....*		11	3	1-41	20	2.4	13,479	3.95	532	13	51	-408	+.12	+1	-10
07-15-60 1341633 4502481 5-71					12		14,319	3.73	534						
1388060 U NEVADA IDEAL MIDAS.....		1	51	1-93	51	1.6	17,342	3.65	633	6	27	-36	-.02	-4	-4
11-03-60 1329983 3870831 5-71					15		17,874	3.74	669						
1388082 O-C-S DAIRY WALKER ADMIRAL....*		4	7	3-23,51,	12	1.5	14,017	3.40	476	**	27	-132	-.03	-9	-11
04-14-60 1159535 3599620 5-71				52	19		14,583	3.54	516						
1388169 BO-GIN WALLIE OELLA BOMBER...*		3	9	1-54	17	2.4	14,333	3.37	483	7	34	-124	-.06	-13	-14
10-18-60 1190632 3710556 5-71					20		14,788	3.56	527						
1388189 HARVEY PROFILE PROFESSIONAL...*		2	20	1-33	22	2.6	14,268	3.50	499	0	29	+9	-.06	-8	-6
08-13-60 1169417 2706797 5-71					9		14,270	3.75	535						
1388212 LOOESTAR GOLDEN SIR OELLA.....*		5	14	2-31,32	33	2.4	14,843	3.87	574	3	43	-303	+.13	+7	-2
08-08-60 1269391 4157582 5-71					8		15,721	3.59	565						
1388223 KYLAND PREMIER SPECIAL.....*		6	5	2-35,74	20	2.8	13,318	3.22	429	**	46	+38	-.05	-6	-4
07-06-60 1126392 3282599 5-71					8		13,158	3.33	438						
1388255 KYLAND PREMIER BUSTER-TWIN....		4	16	3-48,84,	36	2.6	14,693	3.67	539	4	43	-280	+.03	-6	-12
11-19-59 1126392 2980773 5-71				85	14		15,498	3.61	560						
1388256 KYLAND GALLANT COUNT.....*	91-11	176	4	21-33,35,	319	1.4	13,608	3.83	521	16	92	-900	+.17	-10	-32
12-16-59 1265166 3282597 1-71				41,42,46	17		14,654	3.66	536						
1388295 ELM-BECCA LAUREL IVAN.....*		7	13	2-23,51	27	1.9	13,988	3.55	497	14	38	+360	-.03	+8	+16
07-10-60 1189870 3586734 5-71					16		12,945	3.65	473						
1388326 HALMARK PIRATE.....		15	1	2-41,84	17	2.6	14,937	3.53	528	0	53	+387	-.01	+13	+21
08-08-60 1340059 4338784 5-71					18		14,232	3.54	504						
1388348 FANTASY SEXTON DANOY JELL.....*		1	13	1-93	13	1.2	12,498	3.60	450	**	20	-245	.00	-9	-14
07-28-60 1234290 3693167 5-71					58		13,719	3.64	499						
1388559 JERGENS DISTINCTION.....*		1	32	1-41	32	3.5	12,298	3.54	435	10	30	-220	.00	-8	-12
10-20-60 1291724 5104481 5-71					15		12,943	3.55	460						
1388567 MOOSEHEART CHARMER.....*		5	9	2-33,65	20	2.6	17,012	3.72	632	0	39	+436	+.04	+21	+29
07-19-60 1309943 3290650 5-71					41		16,117	3.64	586						
1388577 BAILAND BURKE HEILO BOY.....	91-13	100	4	5-81,82,	211	2.3	14,931	3.46	516	5	91	+328	-.15	-9	+1
07-30-60 1090981 3365081 5-71				87,91,92	16		14,640	3.62	530						
1388586 ARLINDA FORTY-NINER STAR.....	35-75	27	211	15-13,35,	266	1.7	18,607	3.28	611	14	33	+353	-.07	+3	+12
06-13-60 1283917 3827015 5-71				41,55,93	61		17,947	3.42	613						
1388605 KING CHERRY OUNSTAN POSCH.....*		2	17	1-52	21	2.4	13,442	3.62	486	**	29	-18	+.01	+1	0
10-11-60 910991 4091691 5-71					25		13,459	3.58	482						
1388627 CRESSEY GETTIE LEADER.....*		2	9	1-93	11	3.4	18,905	3.50	662	0	27	+568	-.02	+18	+30
07-18-60 1150470 4068600 5-71					48		17,109	3.53	604						
1388630 LORD HILL SKYLINER CARNATION..*		8	7	1-21	19	2.8	14,731	3.27	481	**	42	-47	-.10	-15	-14
07-10-60 1244845 3734869 5-71					21		14,946	3.49	522						
1388656 GREENWOOD BEACON.....*		5	21	1-23	28	2.7	16,264	3.57	580	8	33	-55	+.02	+1	-1
03-13-60 1316590 4029136 5-71					14		16,709	3.51	586						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1388663 BESVIEW REFLECTOR STAN.....*		18	4	2-21,23	30	2.4	15,417	3.73	575	32	57	+336	+.03	+17	+23
10-03-60 1298430 4504040 5-71					14		14,925	3.69	550						
1388711 DENLAH MASTER LEIGH.....		2	22	1-55	24	1.3	12,273	3.72	456	**	24	-298	+.01	-9	-15
11-24-59 1066477 3751954 5-71					14		13,454	3.69	497						
1388721 LAVACRES DUSTY MERRIT.....	35-75	553	6	39-21,23,	1,000	1.2	14,307	3.60	515	18	97	-545	-.05	-27	-37
09-26-60 1205185 4151544 1-71				35,41,48	30		14,975	3.66	548						
1388724 LAVACRES DUSTY SUMMER.....*		10	13	3-52,54,	36	2.4	14,896	3.63	541	24	46	-238	+.08	+2	-5
11-14-60 1205185 3882799 5-71				55	35		15,577	3.47	541						
1388742 RICH-HERD HIGHCROFT REFLECTION*		6	31	1-93	40	2.1	15,892	3.64	578	39	32	+32	+.05	+8	+7
02-02-60 010249633 4295149 5-71					35		15,997	3.49	559						
1388744 MAYERS BONHEUR DUKE.....*		5	9	1-57	18	2.8	12,189	3.66	446	13	38	-483	.00	-18	-27
02-15-60 1293580 3309694 5-71					30		13,429	3.69	496						
1388747 KYLAND PREMIER CAPTAIN-TWIN...*		5	24	1-41	31	2.2	16,928	3.38	573	15	32	+213	-.04	+2	+7
08-29-60 1126392 3359684 5-71					10		16,509	3.47	573						
1388783 BAIRDLEA TOPPER BEN.....*		5	5	1-21	14	2.1	13,064	3.67	480	20	35	-535	+.02	-16	-27
08-27-60 1323273 4229452 5-71					21		14,662	3.63	532						
1388790 RAVEN AG8 IDEAL BLACKIE.....*	23-11	47	2	4-21,22,	83	2.6	14,350	3.57	512	19	82	-252	-.11	-24	-26
03-01-60 1113350 2604550 5-71				23,51	32		14,737	3.71	547						
1388806 LAVACRES DUSTY DESTINY.....*	23-09	75	3	8-23,50,	110	1.9	13,766	3.50	482	14	84	-601	-.19	-47	-55
07-21-60 1205185 2854856 5-71				51,52,93	23		14,541	3.73	543						
1388849 MOOSE LAKE BLACK BEAUTY.....		1	10	1-41	10	2.5	14,833	3.76	558	**	22	+181	+.02	+9	+12
01-07-59 1144239 4273346 5-71					15		14,035	3.70	519						
1388853 RIVER BLUFF BURKE LAD.....*		1	40	1-48	40	2.6	13,034	3.45	450	13	29	-206	.00	-8	-12
08-28-60 1271122 3162610 5-71					6		13,733	3.49	479						
1388897 WILLMONT MAGIC ANOY.....*		21	2	3-32,34,	33	2.5	15,141	3.41	517	3	65	+583	-.10	+6	+20
10-27-60 1138451 3438087 5-71				64	12		14,283	3.56	508						
1388982 FAIR HILL DELLA OART.....	51-02	146	3	10-23,50,	243	2.4	14,019	3.67	514	8	93	+249	-.01	+8	+13
08-20-60 1151349 3267041 9-70				51,52,54	20		13,729	3.69	506						
1388986 FAIR HILL OELLA LANCER.....*		7	6	2-51,52	18	2.3	11,717	3.81	447	18	40	-783	+.01	-27	-43
11-16-60 1151349 4153308 5-71					51		13,665	3.81	520						
1389101 ROBTHOM GOVERNOR SKY LAO.....*		1	26	1-43	26	2.3	15,117	3.45	521	**	27	+140	-.02	+2	+5
09-02-60 1244845 3789231 5-71					16		14,669	3.51	515						
1389103 ROBTHOM SUNBEAM SKYLINE.....*		6	6	4-57,61,	16	2.6	12,590	3.47	437	0	39	-289	-.06	-19	-23
10-12-60 1244845 4323165 5-71				63,64	29		13,263	3.67	487						
1389171 LYON BROOK NOEL PRINCE.....*		4	14	2-13,21	25	3.6	14,332	3.57	511	17	38	-51	-.05	-9	-9
02-24-60 1315498 3938067 5-71					15		14,527	3.72	540						
1389191 BSH CHIEF EMP DOTTIE LIEGE....*		3	9	1-47	19	2.2	17,575	3.33	585	14	37	+421	-.10	+1	+12
07-02-60 1300012 4100533 5-71					51		16,703	3.53	590						
1389199 OELFKES OUKE BONHEUR.....*		1	10	1-41	10	2.8	14,070	3.65	514	11	23	-68	+.02	0	-2
09-22-60 1144239 4181631 5-71					12		14,417	3.61	521						
1389216 DISTINCTION FLORY PILOT-TWIN..		2	21	2-35,42	23	2.0	12,410	3.43	426	9	27	-160	-.03	-10	-12
07-05-60 1175596 3974333 5-71					7		12,898	3.59	463						
1389269 MONARCHIAL SIGNET PAT.....*		21	8	2-41,46	65	2.4	13,839	3.76	521	15	69	-276	+.09	+2	-6
11-10-60 010249530 3914720 5-71					13		14,274	3.64	520						
1389317 MILLERS OEANNA ROYAL HYACINTH.*		7	27	1-35	40	2.5	13,773	3.64	502	6	36	-74	-.02	-5	-6
06-04-60 1305460 3743625 5-71					20		13,988	3.72	520						
1389341 BRAUNSIOE SKYLINER MAVERICK...*		3	12	1-51	16	2.1	13,326	3.65	487	**	28	-157	.00	-6	-9
11-19-60 1244845 3434109 5-71					17		13,887	3.71	515						
1389368 GLAOTIME SUNNY SERGEANT-TWIN..	21-10	222	1	8-11,13,	263	1.4	15,976	3.56	568	14	93	+266	-.03	+5	+11
10-05-60 1085978 3594768 5-71				14,16,21	24		15,884	3.58	569						
1389369 GLAOTIME SUNNY SEXTON-TWIN....	21-10	65	1	4-13,16,	71	2.7	14,878	3.61	537	4	83	-174	+.04	-1	-5
10-05-60 1085978 3594768 5-71				21,23	22		15,217	3.57	544						
1389376 FREEBAER BARON COLONEL.....*		11	2	1-21	18	1.6	13,429	3.81	512	33	47	-667	+.11	-9	-25
11-06-60 1096038 4809218 5-71					27		14,968	3.58	536						
1389387 ENCORE RAG APPLE MAPLE.....*		4	17	2-32,61	22	2.2	14,624	3.51	514	24	30	-81	-.04	-9	-10
08-07-60 010218036 4233088 5-71					13		15,007	3.68	553						
1389420 PRINCE POSCH OON.....*		3	7	1-32	13	2.8	13,193	3.59	474	8	32	-57	+.01	-1	-2
04-15-60 1174486 4188009 5-71					7		13,311	3.60	479						
1389459 LAWCREST SKY OUKE.....*		4	18	1-21	23	2.3	15,668	3.45	541	38	30	+84	-.02	0	+2
09-16-60 1244845 4136164 5-71					11		15,551	3.50	544						
1389471 IDEOGRAPH FOBES KENNEOY.....*	21-10	1,094	6	26-11,13,	2,475	1.8	15,871	3.51	557	12	99	+557	-.09	+7	+20
06-12-60 1223243 4254275 1-71				21,23,86	25		15,459	3.59	555						
1389474 OAVIS FARM JET PILOT.....*		3	12	1-11	16	2.6	15,559	3.90	607	0	29	+124	+.03	+8	+10
09-23-60 1094305 4341459 5-71					9		15,260	3.84	586						
1389491 OTTER VALLEY HOMESTEAD JOE....*		4	5	2-13,21	11	4.6	12,946	3.71	480	0	35	-17	+.03	+3	+2
07-26-60 1331869 4779152 5-71					19		12,892	3.63	468						
1389538 WILLOWLYN ROYAL MASTER NELL...*		15	11	3-52,55,	40	2.8	15,181	3.50	531	**	53	-49	-.07	-11	-10
03-10-60 1305460 3544799 5-71				57	20		15,424	3.62	559						
1389556 MASSILLON SYLVIUS MAGICIAN....*		5	29	1-31	49	2.5	12,482	3.48	434	14	39	-296	+.03	-7	-13
05-27-60 1138451 3188256 5-71					48		13,171	3.40	448						
1389585 WINFARM REFLECTION.....*		13	9	3-14,16,	37	3.0	15,507	3.84	595	3	54	-206	+.08	+4	-2
10-14-60 1298430 3097993 5-71				21	21		16,103	3.71	598						
1389602 KINGSTEAD CHAMPION MICAH.....*		3	7	2-51,52	10	2.6	17,075	3.61	617	0	27	+402	-.02	+12	+20
09-04-60 1024856 3077799 9-70					36		15,785	3.68	581						
1389627 SILVER ACRES REFLECTION KING..*		4	13	2-21,47	27	2.7	13,094	3.50	458	9	40	-497	+.02	-15	-25
05-28-60 1333648 5132558 5-71					27		14,369	3.47	498						
1389630 GYPSIE RACER M-O-W.....		2	16	1-41	18	1.8	13,686	3.51	480	**	26	-177	+.01	-5	-9
09-15-59 1315048 4189019 1-71					4		14,427	3.48	502						
1389636 ALBRECHT REX WILL.....	41-01	136	1	5-35,41,	161	1.6	13,498	3.59	485	12	90	-579	+.02	-18	-30
11-05-60 1297169 2925648 5-71				42,45,46	15		14,167	3.57	506						
1389693 CLEAR CREEK RAG APPLE JOE.....*		1	22	1-31	22	2.6	12,292	3.62	445	7	27	-339	+.02	-9	-16
11-01-60 1090258 3236101 5-71					39		13,523	3.56	482						
1389731 SIR BESS ORMSBY CAPTAIN.....*		2	17	2-35,85	19	2.5	15,542	3.55	551	17	28	+215	-.03	+4	+9
09-16-60 1144239 4639723 5-71					14		14,850	3.64	540						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	% REPT	PREDICTED DIFFERENCES MILK	%	FAT	$$
1389735 ODS PALMOS FIRE BALL.....*		3	36	1-93	42	2.3	14,217	3.75	533	3	31	+42	+.02	+5	+5
07-06-60 1339838 4287811 5-71					21		14,095	3.68	518						
1389777 RIVER VALLEY SILVER GRACIOUS..*		16	5	1-21	42	2.4	16,520	3.52	582	15	64	+514	-.09	+6	+18
10-26-60 1311935 4201128 5-71					17		15,912	3.65	580						
1389778 RIVER VALLEY WALLIE SIGNAL....*		9	16	2-21,23	50	2.6	14,616	3.46	505	17	51	-179	-.05	-13	-15
08-25-60 1190632 3152520 5-71					36		15,082	3.55	535						
1389783 X-L-FARM WIS I HOPE JIM.....*		1	14	1-32	14	2.7	12,516	3.68	460	7	25	-154	.00	-5	-8
08-27-60 1179372 4379597 5-71					13		13,039	3.69	481						
1389789 RAG APPLE ARISTOCRAT ROBURKE..*		1	10	1-21	10	3.1	14,117	3.65	515	0	24	-22	+.01	+1	0
01-06-60 1124780 4358044 1-71					24		14,246	3.58	510						
1389850 SANDYFLAT CHEMUNG IMPERIAL....*		3	12	1-21	17	2.4	13,702	3.72	510	13	31	-186	+.06	+2	-3
09-04-60 1321444 4273844 1-71					32		14,354	3.50	502						
1389861 ESCA REGAL BERRY EXCELSIOR....		2	22	2-14,42	24	2.9	12,620	3.55	448	14	30	-35	.00	-1	-2
09-02-60 901195 4532728 5-71					11		12,608	3.58	451						
1389915 SEQUOIA IVAN LAD.....	35-75	60	6	23-21,23,	112	1.0	16,221	3.40	552	16	76	+751	-.11	+11	+29
06-21-60 1189870 3923579 5-71				42,85,93	87		15,381	3.52	542						
1390025 CRESTON MASTERSTROKE.....*		2	11	1-34	13	2.9	13,992	3.69	517	10	27	+61	+.03	+6	+7
09-26-60 1125174 2950889 5-71					6		13,747	3.61	496						
1390032 HUDSON ROAD JOY BOY-TWIN.....*		8	2	3-35,41,	11	2.3	11,071	3.58	396	17	39	-608	-.02	-24	-36
09-14-60 1249795 4133199 5-71				42	14		12,470	3.64	454						
1390040 BOND HAVEN SIGNET ALERT.....*		1	43	1-21	43	3.2	10,426	3.43	358	7	30	-140	+.01	-4	-7
02-16-60 010249530 010906850 5-71					19		10,557	3.42	361						
1390042 GLENAFTON RAG APPLE KINGPIN...*		10	6	2-14,16	31	2.7	15,763	3.81	601	10	55	+449	+.01	+18	+27
06-14-60 010249530 011091003 5-71					42		15,060	3.82	575						
1390063 MOOIE PRIMO DEAN VAR.....*		2	34	2-23,35	40	2.6	12,355	3.25	402	9	32	-20	-.05	-8	-7
11-18-60 1305613 4176982 5-71					34		12,251	3.44	421						
1390106 PABST ADMIRATION WAYNE.....*	35-04	21	1	8-21,23,	24	2.6	13,467	3.98	536	13	62	-534	+.23	+12	-4
07-22-60 1358647 4359028 5-71				35,42,46	15		14,380	3.60	518						
1390107 PABST ADMIRATION VALE.....*		2	40	2-32,35	42	2.3	10,806	3.73	403	10	29	-408	.00	-15	-23
08-03-60 1358647 4293465 5-71					15		12,030	3.76	452						
1390131 ROLLING KNOLL MAT SUPREME.....*	23-11	63	3	1-23	94	2.9	15,267	3.78	577	6	84	+726	+.08	+38	+50
08-29-60 1216873 3515146 5-71					21		14,448	3.70	534						
1390142 WINTERTHUR NOEL KNIGHT PRINCE.*		1	14	1-51	14	2.9	11,897	3.67	437	0	26	+26	-.01	0	+1
11-07-60 1328538 4622993 5-71					10		11,557	3.72	430						
1390193 COCHRAN GENERAL BRUCE.....*		3	14	1-21	18	2.5	14,634	3.98	583	20	30	-157	+.12	+11	+5
11-12-60 1215402 3581539 5-71					21		15,307	3.61	552						
1390200 TRITOMIA ROBURKE JULE.....		1	10	1-42	10	2.4	14,077	3.41	480	0	22	+442	-.01	+14	+23
06-28-60 1347010 4693276 5-71					8		11,898	3.44	409						
1390206 BEREA ORMSBY JERRY-TWIN.....*		2	13	1-61	15	3.3	17,032	3.46	589	7	29	+443	.00	+16	+25
10-20-60 1138441 3959084 5-71					16		15,648	3.44	538						
1390209 MAVIEW VISCOUNT TOGUS.....*		7	8	2-12,13	32	2.4	16,063	3.74	600	28	51	-198	-.01	-9	-13
10-03-60 1260169 4141124 5-71					20		16,733	3.78	633						
1390226 ARLINDA FORTY-NINER TEX.....*		5	5	2-87,93	11	1.8	15,004	3.31	497	11	31	-109	-.04	-10	-11
08-31-60 1283917 4022406 5-71					65		15,523	3.45	536						
1390248 CARNATION ROYAL VALIANT.....*		7	11	2-42,84	21	2.0	15,538	3.49	542	21	35	+338	-.04	+6	+14
09-16-60 1305460 4256297 5-71					8		14,631	3.61	528						
1390249 CARNATION ROYAL NOBEL.....*	35-05	30	3	4-33,35,	55	3.2	14,275	3.47	496	4	75	+32	-.10	-13	-10
09-26-60 1305460 3942039 5-71				41,42	20		14,264	3.62	516						
1390253 CARNATION ROYAL SCORER.....*		9	14	1-21	31	3.1	16,508	3.53	582	7	43	+221	-.04	+3	+8
10-12-60 1305460 3700610 5-71					13		16,224	3.59	583						
1390254 CARNATION ROYAL REVERE.....*		4	5	1-23	15	1.9	12,982	3.60	467	13	37	-204	-.03	-12	-15
10-12-60 1305460 3483638 5-71					9		13,488	3.73	503						
1390263 CARNATION BUTTER BOY MERIT....	91-11	34	1	9-23,35,	39	1.1	13,683	3.65	499	8	66	-126	.00	-4	-7
11-13-60 1152252 4434202 5-71				41,42,91	16		13,867	3.66	507						
1390265 CARNATION IDEAL NEWCOMER.....*	91-11	109	3	16-23,35,	179	1.6	13,638	3.64	497	21	89	-845	+.03	-27	-44
09-30-60 1175596 4434218 5-71				41;42,93	19		14,662	3.62	531						
1390285 MEADOW FOBES RECOVERY.....*		8	2	3-33,35,	13	1.5	14,279	3.60	514	10	39	+324	-.01	+10	+17
05-16-60 1150470 2731620 5-71				41	13		13,381	3.64	487						
1390302 STOFFELL SPOTLIGHT OOSTIE KING*		4	13	1-63	18	2.5	13,934	3.57	497	0	31	+161	-.02	+3	+7
07-31-60 1218219 3364667 5-71					20		13,348	3.64	486						
1390409 DALGENEL RAVEN BURKE AJAX.....*		2	17	1-31	21	2.5	15,428	3.34	515	19	29	+27	-.06	-8	-6
12-09-60 1113350 4335310 5-71					20		15,492	3.55	550						
1390449 BLUEGILL SIGNET ADVANCER.....*		6	5	1-21	16	1.9	12,490	3.67	459	**	38	-868	+.05	-25	-43
11-24-60 010249530 4081110 5-71					14		14,875	3.56	530						
1390455 SILVER LAKE POTENTATE.....*		6	13	2-23,51	23	3.0	17,024	3.79	646	5	37	+224	+.01	+10	+14
12-26-60 1227714 4651891 5-71					15		16,697	3.79	633						
1390482 ELMVALE TEXAL RAG APPLE.....*		4	9	1-21	14	2.7	15,969	3.59	574	8	31	+41	-.05	-5	-3
11-11-60 1224259 3005722 5-71					18		16,048	3.76	603						
1390483 EMERALD HILL PILOT LARRY.....*		3	6	2-13,21	15	2.3	15,234	3.93	598	7	36	-280	+.10	+3	-5
09-02-60 1184848 3642262 5-71					10		16,254	3.68	598						
1390505 VALLA VISTA PROUD CAREY.....	48-01	62	3	2-48,73	103	1.8	14,400	3.53	509	11	83	-63	-.01	-4	-5
08-25-60 1106455 4425760 5-71					26		14,536	3.56	517						
1390534 ACME EQUITY.....*		10	12	2-21,23	37	2.8	14,507	3.49	507	6	49	-167	-.07	-16	-18
01-29-60 1152252 010932978 5-71					16		14,952	3.64	545						
1390539 BOND HAVEN CENTURION ROSAFE...*		2	12	1-34	14	1.8	11,206	3.45	387	**	24	-378	-.01	-15	-22
01-18-60 010239301 011231000 5-71					4		12,634	3.52	445						
1390540 GLENAFTON PROMISE RAG APPLE...*	34-07	27	16	4-31,32,	64	2.5	14,942	4.02	601	12	57	+175	+.22	+37	+35
07-26-60 010249530 010678140 5-71				34,52	15		14,715	3.67	540						
1390542 ALDEEN WICKWOOD SKOKIE.....*		3	19	1-23	23	2.6	14,060	3.66	515	5	30	-60	.00	-2	-3
10-13-60 1312592 4398802 5-71					20		14,303	3.70	529						
1390554 NOBROOK ANDY MARATHON.....*		1	15	1-23	15	4.1	12,511	3.38	423	0	28	+43	-.04	-4	-2
08-09-60 1273132 4333673 5-71					31		12,179	3.58	436						
1390570 LYREEDALE TY VIC ROSAFE.....*		2	93	1-86	99	1.6	16,894	3.45	583	16	29	+169	-.01	+5	+9
08-04-60 1138451 4442606 5-71					125		16,562	3.45	571						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1390588 MALLARY REGENT.....*		4	25	4-31,33,	31	2.6	13,244	3.47	460	13	31	-247	-.01	-10	-15
09-08-60 1197095 2860825 5-71				34,71	371		14,045	3.52	494						
1390589 COUNT RACHEL WOODSON.....*		7	16	1-48	46	2.2	11,387	3.61	411	18	48	-795	+.02	-26	-42
10-27-60 1168575 4302748 5-71					10		12,933	3.59	464						
1390590 MAY WOODY STAR.....*		5	11	1-48	24	2.4	13,403	3.57	478	20	39	-36	-.01	-3	-3
10-29-60 1168575 4491925 5-71					13		13,448	3.62	487						
1390608 YONEO ARGO JULIA BASTOGNE.....*		1	16	1-32	16	3.3	15,855	3.77	597	0	26	+40	+.01	+3	+4
02-23-60 1338181 4605902 5-71					35		15,899	3.74	594						
1390616 KENJO TRIUNE BELMONT.....*		4	27	3-13,35,	33	3.1	13,904	3.62	504	11	33	+21	+.02	+4	+4
01-02-60 1297165 3348696 5-71				41	16		13,827	3.54	490						
1390630 ANEOAW MODEL BERNIE.....*		4	15	1-41	22	2.7	15,452	3.75	579	33	33	+149	+.04	+11	+13
09-02-60 1148993 4776929 5-71					13		15,112	3.65	551						
1390637 FREEBAER MATCHMAKER.....*		8	3	1-21	14	1.6	13,845	3.52	488	42	38	-298	+.01	-9	-15
11-23-60 1333330 4441044 5-71					22		14,708	3.50	515						
1390656 WALKWAY HONEYMAN DAN-TWIN.....		1	17	1-33	17	2.9	13,521	4.23	572	**	26	+290	+.10	+25	+28
11-06-59 1265694 3511270 5-71					2		12,254	3.88	476						
1390668 ARMODESSA ROSAFE DUKE.....		1	10	1-34	10	1.5	16,468	3.84	633	20	20	-24	+.01	+1	0
10-23-60 1138451 3815473 5-71					14		16,889	3.80	641						
1390677 AL-SAN SKYDUKE.....*		4	28	1-41	35	3.4	14,845	3.42	508	7	35	+262	-.07	-1	+6
11-09-60 1244845 4127641 5-71					15		14,104	3.64	514						
1390686 CHRISTY TALISMAN.....*		1	31	1-35	31	2.6	11,960	3.61	432	10	28	-234	.00	-9	-14
10-22-60 1265747 3953182 5-71					11		12,672	3.65	462						
1390692 CHRISTY CONFIDENT.....*		4	6	1-35	15	2.4	12,756	3.54	452	21	37	-168	-.01	-8	-11
10-17-60 1141851 4471967 5-71					14		13,136	3.60	473						
1390707 WISOF KING EFREM.....*		4	6	2-35,74	14	2.7	13,408	3.69	495	11	37	-34	+.01	0	-1
08-19-60 1234490 3876552 5-71					21		13,454	3.69	497						
1390733 FLEETRIDGE MARATHON PATRIOT...*		2	8	1-16	10	3.8	18,004	3.74	674	0	27	+202	-.01	+6	+10
07-04-59 934577 3346086 5-71					39		17,638	3.80	670						
1390735 FLEETRIDGE COUNT.....*		4	11	1-16	18	3.4	17,028	3.75	639	12	34	+601	+.02	+24	+36
09-09-60 1124780 3151228 5-71					41		15,424	3.73	576						
1390764 ROCKYMEAD PILOT DEAN.....*		1	10	1-42	10	2.8	15,845	3.43	543	13	23	+163	-.04	0	+4
12-15-60 1304049 4126596 5-71					7		15,270	3.62	553						
1390812 LEPIENS CAPITAINE PRIDE.....*		2	15	1-35	17	2.7	15,860	3.40	539	0	28	+377	-.06	+5	+14
07-24-60 010269036 3940103 5-71					9		14,554	3.58	521						
1390823 BROADMEADOW BURKGOV.....*		1	37	1-21	37	3.7	15,885	3.61	573	9	30	+42	+.05	+8	+8
01-03-60 1038509 3933975 5-71					22		15,947	3.46	551						
1390841 EM BEE TRANSMITTER GREAT-TWIN.*		12	22	3-35,42,	100	2.3	14,028	3.62	508	7	62	-27	-.02	-4	-4
05-23-60 1242799 3187307 5-71				65	11		14,087	3.67	517						
1390911 MAVIEW PENELOPE N O B S KING..*		13	8	2-13,23	34	2.8	14,821	3.53	523	7	53	-56	-.01	-3	-4
09-04-60 1260169 4194006 5-71					30		15,037	3.54	533						
1390965 A J R REFLECTOR CLIPPER.....		1	25	1-58	25	1.8	11,913	3.79	451	0	26	-216	+.06	0	-6
01-22-60 1298430 4176824 5-71					216		12,635	3.53	446						
1391025 BROOKFIELD DESIGN IDEAL.....*		1	29	1-52	29	2.7	11,559	3.50	404	4	28	-187	-.03	-11	-14
08-03-60 1114553 3622921 5-71					56		12,037	3.66	440						
1391034 QUALITY SUPERIOR GLEN.....*		3	7	2-21,55	16	3.1	15,144	3.64	551	13	37	+67	-.02	0	+2
03-23-60 922288 3243808 5-71					49		15,078	3.68	555						
1391048 BUOD FARM ROYAL DUPLICATOR....*		3	20	1-34	41	1.8	16,294	3.39	552	23	39	+849	-.14	+10	+30
11-20-60 1306065 3062191 5-71					46		14,154	3.74	530						
1391078 WGE ROSAFE CALIBAN OSCAR.....*		2	11	2-31,34	17	2.7	15,708	3.67	577	7	33	+326	-.02	+9	+16
01-09-59 1246183 3875781 5-71					7		14,790	3.74	553						
1391084 HAROEN FARMS NOEL AOJUDICATOR.		1	49	1-21	49	2.5	15,264	3.21	490	10	29	-158	-.04	-11	-13
09-04-60 1315498 4227551 5-71					21		16,017	3.33	534						
1391086 HARDEN FARMS NOEL KINGPIN.....*		4	21	2-13,21	43	2.5	14,179	3.64	516	3	42	-223	-.01	-9	-13
10-25-60 1315498 4263637 5-71					18		14,794	3.68	544						
1391091 MAN-O-WAR 8 F DICTATOR RETURN.*		6	5	2-35,74	13	2.3	13,300	3.33	443	17	34	-177	-.06	-15	-17
07-09-60 1323980 4605703 5-71					21		13,810	3.55	490						
1391126 MYRO SIGNET VISCOUNT.....		1	34	1-41	34	3.1	14,153	3.73	528	0	30	+139	.00	+5	+8
10-09-60 1340814 4623939 5-71					15		13,657	3.76	513						
1391128 MYRO BELLWOOD.....*		4	25	1-41	32	2.7	13,739	3.59	493	7	33	-288	+.02	-8	-14
10-12-60 1075789 3060132 5-71					13		14,688	3.55	521						
1391172 CORLAN FARMS IVANHOE MAJESTY..*		4	11	2-23,48	19	2.1	15,472	3.43	530	12	34	+45	-.08	-9	-6
10-13-60 1189870 3557258 5-71					11		15,494	3.65	565						
1391173 CORLAN FARMS IVANHOE DEACON...	48-01	266	8	7-23,43,	1,028	1.7	14,510	3.51	509	14	97	+486	-.07	+8	+19
10-26-60 1189870 2939718 1-71				47,48,73	20		14,015	3.57	501						
1391209 MARTY IVANHOE FANTOM BOY.....		2	12	1-23	15	1.7	11,919	3.78	451	**	26	-200	-.01	-8	-12
10-14-60 1189870 4860413 5-71					6		12,540	3.86	484						
1391229 MOOSEHEART ADMIRAL.....*		8	3	4-33,35,	15	2.6	14,494	3.57	517	8	45	-172	.00	-6	-9
12-10-60 1309943 3687388 5-71				61,65	63		14,982	3.57	535						
1391265 POLYTECHNIC JO BONO.....		1	12	1-93	12	1.0	11,806	3.63	428	**	19	-6	-.01	-2	-2
06-08-60 1330261 3853581 5-71					22		11,608	3.76	436						
1391278 JO-JON G V SKYLINER.....*		1	11	1-93	11	1.0	17,155	3.51	602	**	18	-100	.00	-4	-6
10-20-60 1244845 3678671 5-71					85		18,126	3.54	641						
1391280 SKOKIE ROYALIST.....*		9	47	3-41,45,	91	2.0	15,731	3.47	546	17	42	+406	-.10	0	+11
12-11-60 1288610 3785642 5-71				46	21		14,866	3.72	553						
1391281 SKOKIE SENSATION PINKY.....*		5	21	3-23,33,	31	2.2	12,169	3.53	429	5	34	-250	-.02	-12	-16
10-03-60 1267271 3332177 5-71				35	6		12,786	3.63	464						
1391284 TIM CURTISS CANOY.....*		2	45	1-35	47	2.3	12,564	3.56	447	11	29	-134	+.01	-3	-6
12-19-60 1345285 4098763 5-71					9		12,921	3.52	455						
1391330 REFLECTO MAGICIAN JOE.....*		1	29	1-31	29	2.4	12,282	3.83	470	27	27	-415	+.06	-7	-17
08-29-60 1138451 2589913 5-71					9		13,803	3.61	498						
1391369 ROSNI SCHOOLMASTER PAULINE...*		2	8	1-52	10	3.0	13,600	3.85	524	0	26	-276	+.04	-4	-10
11-10-60 1181068 3807244 9-70					30		14,733	3.73	549						
1391379 SUMMIT HOME DRUMMER LAD.....*		2	21	1-22	35	2.8	12,475	3.98	497	3	39	-215	+.06	0	-6
09-08-60 1326835 3993532 5-71					23		12,923	3.87	500						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK MILK	% %	FAT FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1391397 KAUFMAN SIR ADMIRAL SKYLINER..*		1	10	1-31	10	2.5	13,585	3.50	475	11	22	-58	-.04	-8	-8
11-22-60 1244845 3793331 5-71					39		13,839	3.74	517						
1391414 BURMA BURKE BELMONT.....*		3	10	1-41	18	2.7	14,092	3.67	517	0	34	+42	-.01	0	+1
09-22-60 1246729 3797537 5-71					12		13,974	3.70	517						
1391420 CHURCHOLM ANN CAPTAIN ROBURKE.*		9	3	3-21,22,	15	2.7	15,026	3.56	535	15	45	+87	+.03	+7	+8
08-30-60 1144239 3870324 5-71				23	16		14,932	3.49	521						
1391447 GARWOOD IVANHOE.....*	35-05	251	3	10-33,35,	431	1.5	13,816	3.55	491	17	95	-409	-.12	-31	-36
10-20-60 1189870 4592034 1-71				41,42,74	16		14,281	3.69	527						
1391470 WIS PIONEER FOOTPRINT.....*	35-01	10	5	4-35,52,	25	2.7	14,487	3.53	512	5	53	+59	-.02	0	+2
09-20-60 1292880 3111754 5-71				63,65	10		14,423	3.57	515						
1391471 WIS PRIORITY.....*		10	2	5-34,35,	15	3.7	15,360	3.52	540	0	48	+492	-.03	+13	+24
10-16-60 1292880 2892873 5-71				45,64,85	20		14,388	3.58	515						
1391475 WIS IDEAL PERFECTION BURKE....*		6	23	3-35,41,	34	2.1	14,978	3.49	523	13	34	+322	-.03	+8	+15
11-09-60 933122 3825633 5-71				42	14		14,027	3.56	499						
1391476 WIS IDEAL IMPROVER.....*	35-05	18	2	2-35,56	25	2.7	13,307	3.80	506	13	60	-455	+.08	-5	-16
09-24-60 1330357 3255085 5-71					14		14,075	3.68	518						
1391477 WIS DOUBLE PIONEER.....*		3	34	2-22,35	43	2.0	12,457	3.76	469	13	32	-366	+.08	-2	-11
10-24-60 1330357 4640718 5-71					11		13,577	3.51	477						
1391497 SPRINGDALE MONTY.....*		1	15	1-41	15	2.4	13,131	3.59	472	9	25	-104	-.02	-7	-9
10-09-60 1214152 4540696 5-71					18		13,518	3.72	503						
1391603 COCHRAN GENERAL KING.....*		5	6	1-21	17	3.0	15,133	3.60	545	13	41	-430	+.03	-11	-20
05-02-60 1215402 4067130 5-71					20		16,433	3.55	583						
1391613 RANETT DALE PARAMOUNT.....*		3	29	1-35	38	2.2	11,464	4.06	465	13	32	-580	+.07	-11	-24
09-03-60 1295702 3530813 5-71					15		13,181	3.80	501						
1391639 HAYSSEN GOLD VICTORY.....*		14	1	6-14,16,	14	1.9	14,185	3.67	521	**	45	-388	+.03	-10	-18
11-15-60 1309948 4161300 5-71				21,22,23	36		15,166	3.62	549						
1391676 TALOGA BEAUTY COMMANDER.....		3	23	1-73	27	2.9	14,540	3.72	541	11	31	-229	+.02	-5	-10
11-11-60 1342819 4069704 5-71					21		15,434	3.67	567						
1391688 INGLIS BURKGOV ABE.....	41-01	173	2	8-21,41,	231	1.6	15,442	3.45	533	14	92	+999	-.14	+15	+38
07-13-60 1038509 3932781 5-71				45,82,87	16		14,403	3.60	518						
1391728 MAPLECREST DESIGN SYMBOL.....		2	48	1-34	59	2.3	14,186	3.68	522	14	33	+268	-.03	+6	+12
11-30-60 1189593 4122976 5-71					17		13,297	3.78	503						
1391756 OSCWIL PONCA BEL BUR PABST....*		2	9	2-21,23	12	3.8	13,659	3.60	492	8	30	-327	+.06	-4	-12
02-02-60 1140763 4953159 5-71					46		14,845	3.44	510						
1391780 CHARL-WIN WALLIE ROMEO ECHO...*		1	19	1-32	19	3.0	15,804	3.37	533	11	27	+459	-.08	+5	+16
11-05-60 1283313 3535774 5-71					15		14,108	3.66	517						
1391818 KEN-MIKE CREST R A.....*		2	14	1-31	16	2.8	14,233	3.62	515	25	27	-200	+.02	-4	-9
08-09-60 1316532 3860563 5-71					10		15,089	3.56	537						
1391872 TALOGA ADMIRAL REX.....*		3	15	2-48,73	19	2.6	14,593	3.43	500	15	29	-511	+.05	-12	-23
10-26-60 1333200 4431776 5-71					21		16,606	3.30	548						
1391902 MAYTAG BURKGOV DICTATOR.....*		7	13	1-42	26	2.3	16,521	3.50	579	6	39	+658	-.05	+16	+30
10-31-60 1038509 4635008 5-71					8		14,922	3.64	543						
1391951 SPERGER BLACK WALKAWAY.....*		7	6	1-91	20	1.2	13,964	3.75	523	6	38	-174	-.01	-7	-10
02-19-60 1136905 4235758 1-71					22		14,482	3.79	549						
1391977 ROMANDALE PINEY HILL PONTIAC..*	91-13	287	14	11-81,82,	1,010	1.3	15,443	3.59	554	17	95	-10	-.03	-5	-4
11-24-59 010264804 011254853 1-71				91,92,93	39		15,622	3.63	567						
1391986 IRVINGTON IVAN.....*		7	7	3-23,34,	19	2.5	16,145	3.72	601	17	40	+686	+.04	+31	+44
12-13-60 1189870 4087892 5-71				51	56		14,466	3.64	526						
1392003 RIDGELY GOLDEN BOY.....*		10	27	5-11,12,	45	2.2	14,676	3.75	551	23	37	-37	+.05	+6	+4
12-03-60 1148087 3122911 5-71				13,14,21	27		14,872	3.62	538						
1392018 BURKE PEHRSONS CARNATION-TWIN.	41-01	125	1	3-41,42,	149	1.6	13,011	3.53	459	18	89	-973	-.04	-40	-58
08-16-60 1197317 4056045 5-71				46	15		14,124	3.58	505						
1392021 SIR SEGIS OLLIE.....*		1	12	1-41	12	3.8	14,605	4.03	589	0	26	-15	+.08	+11	+9
11-12-60 1258673 3968369 1-71					28		14,745	3.74	551						
1392067 CLOVERTOP SIR DELLA NOBLE.....*		3	9	1-32	19	2.4	13,278	3.36	446	29	37	-214	-.07	-18	-20
07-09-60 1151349 3740976 5-71					17		13,858	3.58	496						
1392068 CLOVERTOP SIR DELLA NIFTY.....*		4	11	1-51	16	2.6	13,511	3.80	513	14	31	-247	-.02	-12	-16
10-26-60 1151349 4011323 5-71					28		14,351	3.90	560						
1392113 WOODSIDE FARM IVANHOE ZINA....*		5	7	1-21	18	2.8	14,849	3.36	499	12	40	-387	+.02	-11	-19
09-05-60 1189870 4408066 5-71					37		16,020	3.33	533						
1392115 EL CAMINO REAL.....	93-05	27	10	5-82,86,	99	2.1	16,407	3.43	562	11	74	-7	-.08	-11	-9
08-26-60 1305460 2552554 5-71				91,92,93	108		16,693	3.51	586						
1392154 HAWTHORN PATSEY FUTURE.....		2	25	1-33	30	2.1	11,882	3.76	447	3	30	-45	+.02	+1	0
01-15-60 1326250 3606707 5-71					60		11,821	3.70	437						
1392232 KNOB LICK GAY KING.....*		10	2	3-31,61,	15	2.2	13,419	3.79	508	9	45	-187	+.09	+5	-1
09-21-60 1189870 3753949 5-71				63	29		13,822	3.60	497						
1392233 KNOB LICK VISCOUNT POSCH.....*	63-03	42	5	5-56,57,	105	1.4	13,653	3.59	490	8	78	-404	+.03	-11	-20
10-23-60 1189870 3686946 5-71				61,63,65	25		14,196	3.56	506						
1392259 DAYTON DARK PRILLY ECHO.....*		6	15	1-31	31	1.9	15,068	3.52	530	3	39	+242	+.02	+11	+15
12-25-60 1105615 3654457 5-71					29		14,503	3.47	503						
1392301 CULVER GOMAR DICTATOR OEAN....*		11	2	2-32,34	18	2.6	13,320	3.60	479	9	51	-360	.00	-13	-20
07-05-60 1297090 3975342 5-71					11		14,035	3.61	506						
1392327 DORCIS LEADER DON BILL.....*		10	1	3-35,42,	10	2.7	14,405	3.33	479	11	40	+479	-.10	+3	+15
12-23-60 1307771 3122219 1-71				74	9		13,135	3.56	468						
1392384 CARDACRES PROFILE NED.....*		11	2	4-35,41,	21	1.3	12,680	3.68	467	**	48	-1,181	+.02	-40	-64
12-17-60 1169417 4669162 5-71				46,86	28		15,253	3.66	558						
1392397 ROCKCREST BUTTER BOY ROXY.....*		4	9	1-42	14	2.9	13,618	3.38	460	0	32	+243	-.06	0	+6
01-07-61 1152252 4118272 5-71					7		12,726	3.57	454						
1392400 RAVENGLEN LORRY TRIUNE-TWIN...*		6	12	2-42,48	21	2.6	16,165	3.38	546	14	35	+563	-.08	+8	+21
11-07-60 1297169 3845733 5-71					11		14,634	3.59	526						
1392403 RAVENGLEN VICTOR TRIUNE.....*		4	18	1-42	28	2.7	12,595	3.65	460	5	36	-330	+.04	-6	-14
01-03-61 1297169 3329275 5-71					9		13,469	3.54	477						
1392423 BARRETTS IMPERIAL ROYAL JUDE..*		5	3	3-48,73,	11	2.4	15,040	3.46	520	43	35	+194	-.03	+3	+8
04-18-60 1281598 4398078 5-71				74	22		14,554	3.51	511						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1392433 PHEASANT RUN CARL JACK.....		1	16	1-35	16	2.4	15,476	3.46	535		56	24	0	-.01	-2	-2
11-08-60 1337647 3864074 5-71					14		15,644	3.53	553							
1392435 FILBERT R-A-W-R MARYWINNER....		1	34	1-61	34	1.7	13,128	3.58	470		16	26	-7	.00	0	0
09-23-60 1284676 3299092 5-71					39		13,070	3.60	470							
1392459 ROMOLYM ROYAL MAGIC.....*		5	6	2-14,16	19	2.2	14,295	3.98	569		12	41	-321	+.09	0	-8
09-01-60 1138451 4161016 5-71					41		15,216	3.78	575							
1392531 RINCON VAR SKYVIEW.....		1	23	1-93	23	3.1	17,324	3.63	629		0	28	+177	.00	+7	+10
09-13-60 1244845 4143543 5-71					26		17,008	3.61	614							
1392559 SUNNYSIDE MOSE PRIDE.....*	61-02	7	9	3-35,51,	19	2.2	16,580	3.61	599		6	36	+655	-.02	+20	+34
12-16-60 1196645 3907243 5-71				63	19		14,846	3.68	547							
1392562 SUNNYSIDE ANNETTE BURKE IDEAL.*	35-05	34	2	6-33,35,	44	1.8	13,988	3.61	505		18	70	-386	-.04	-19	-26
01-25-61 1113350 3780372 5-71				41,42,51	16		14,608	3.68	537							
1392585 BILLVER IDEAL OLIVER-TWIN.....		1	11	1-41	11	2.7	16,989	3.64	619		17	23	+408	-.02	+12	+21
01-14-61 1113350 4173854 1-71					11		15,392	3.73	574							
1392650 WILSON KNOLLWOOD BURKE.....*		2	9	1-34	11	1.3	12,449	3.45	430		13	21	-79	-.02	-6	-7
09-16-60 1150470 4308874 5-71					8		12,698	3.61	459							
1392654 HOWACRES REFLECTOR MOOEL.....*	23-09	618	4	16-12,13,	1,410	1.3	13,506	3.95	533		20	98	-1,206	+.22	-16	-45
08-05-60 1298430 3697471 1-71				23,50,51	20		14,825	3.75	556							
1392713 ROAMER H-HI-HO MAGICIAN REX...*		1	17	1-32	17	1.9	14,199	3.46	491		25	24	-119	-.01	-6	-8
11-26-60 1138451 4165185 5-71					12		14,792	3.54	523							
1392733 ORMSBY MECHTHILDE SKYMOUR.....	33-03	158	2	33-21,23,	218	2.0	14,076	3.45	486		19	92	-264	-.13	-27	-29
08-23-60 1244845 3063947 5-71				35,42,93	23		14,410	3.59	518							
1392774 FERNHAME IVANHOE EMPEROR.....*	23-13	664	12	22-23,31,	2,633	2.0	14,241	3.75	534		7	98	+219	+.04	+13	+16
12-19-60 1189870 3227192 5-71				51,52,54	21		14,027	3.73	523							
1392775 HOOOS CHERRY HILL Z CHAMP.....*		11	3	4-13,14,	18	2.0	16,083	3.64	586		33	48	+524	.00	+19	+29
11-05-60 1063381 4563212 5-71				16,43	33		15,103	3.65	551							
1392858 NO-NA-ME FOND MATT.....*	61-02	149	2	15-31,33,	225	1.5	15,454	3.71	573		8	91	+616	+.08	+34	+44
12-20-60 1243697 3580419 5-71				48,74,85	25		14,873	3.63	540							
1392859 MIOLAND MAGIC B K OICTATOR....	93-03	8	36	1-93	120	1.8	15,529	3.63	563		19	54	-138	-.01	-7	-9
11-09-60 1138451 2732246 5-71					130		15,992	3.67	587							
1392867 GRAYHOLME ROSAFE SUPREME.....*		1	18	1-31	18	3.5	15,458	3.85	595		6	28	-196	+.02	-4	-8
09-08-60 1138451 4412744 5-71					7		16,415	3.80	624							
1392868 MARY LAWN SKYLINER.....*		2	12	2-35,57	14	1.8	10,362	3.67	380		**	25	-324	+.01	-10	-17
10-17-60 1244845 4437640 5-71					14		11,440	3.63	415							
1392920 IKAN MAGICIAN BURKE TIDY.....*		2	8	1-63	15	3.3	11,790	3.64	429		0	35	-150	.00	-5	-8
01-09-61 1138451 3606677 5-71					37		12,025	3.66	440							
1392954 COLL-MOR FRASEA BUTTER KING...*		9	39	2-48,73	55	2.2	13,686	3.78	518		22	35	-113	+.02	-1	-4
07-28-60 1063307 4537964 5-71					19		14,020	3.75	526							
1393031 KILINSOALE IVANHOE JACK.....*	23-09	371	3	11-14,23,	698	1.2	15,955	3.50	558		10	97	+880	-.23	-2	+21
12-17-60 1189870 3969975 5-71				50,51,63	20		15,165	3.75	568							
1393047 TEO SENSATION INSIGNIA.....*		2	13	1-21	25	2.5	19,589	3.50	686		12	38	+751	-.04	+21	+37
10-10-60 1179372 4021307 5-71					33		18,042	3.58	646							
1393064 VALLEY OELL NOEL OUKE.....*		3	15	1-21	28	2.7	14,995	3.43	514		4	39	+137	-.01	+4	+7
10-25-59 1315498 4512290 5-71					21		14,718	3.42	504							
1393066 SUNNYDALE HI-HOPE CREATOR.....*		4	9	1-31	24	1.9	16,123	3.70	596		10	41	+84	+.02	+6	+7
12-04-60 1135380 4104547 5-71					14		16,139	3.66	591							
1393083 JOCFA ACE OAISY PRINCE.....		1	10	1-34	10	4.0	13,183	3.77	497		0	25	+65	+.01	+4	+5
11-16-60 1335650 3971309 5-71					8		12,811	3.73	478							
1393216 METCALFS REFLECTION SENSATION.*		5	28	3-12,14,	60	2.2	14,416	3.75	540		27	44	-208	-.03	-12	-15
08-27-60 1298831 4144893 5-71				15	42		15,000	3.84	576							
1393235 FROGMORE REFLECTION DEAN.....*		1	24	1-21	24	3.2	12,287	3.60	442		0	29	-231	+.02	-5	-10
11-12-60 1296576 3186951 5-71					9		12,990	3.53	458							
1393257 WILO CREEK ROBURKE ADAM.....*		2	10	1-21	12	2.5	15,012	3.32	499		13	26	-10	-.03	-5	-4
06-27-60 1309357 4466265 9-70					41		15,178	3.46	525							
1393265 PETE ORMSBY OSHKOSH.....*		2	10	2-35,57	13	3.1	13,424	3.59	482		0	29	-127	.00	-4	-7
11-21-60 1342162 3807883 5-71					17		13,851	3.61	500							
1393286 CHFLOKIE TRIUNE SKYLINER.....*		7	6	1-21	19	2.6	14,923	3.38	505		7	44	-302	-.02	-14	-19
08-21-60 1244845 4062885 5-71					25		15,793	3.44	544							
1393308 OWEN JERRY ZEUS OANA.....*		7	8	1-61	27	2.9	13,613	3.41	464		9	48	+22	-.08	-10	-8
08-02-60 1138441 4153991 5-71					27		13,526	3.58	484							
1393337 SAGUARO ARISTOCRAT.....		1	50	1-86	50	1.9	14,941	3.34	499		10	27	+44	-.02	-1	0
10-08-60 1124780 4671172 5-71					24		14,875	3.42	508							
1393389 MAYERS OUKE SENATOR MAC.....*		1	17	1-86	17	1.7	17,797	3.35	597		**	24	+356	-.03	+8	+16
03-04-60 1293580 3881351 5-71					29		16,542	3.44	569							
1393465 WALT-JEAN SKYLINER AUGIE.....*		7	6	3-34,35,	17	2.1	16,293	3.35	546		15	38	+190	-.09	-6	0
08-05-60 1244845 4332419 5-71				63	12		16,000	3.57	571							
1393487 MAVIEW LESLIE TOGUS.....*		3	19	2-22,23	29	3.0	15,006	3.79	568		4	37	+107	+.02	+7	+9
09-22-60 1260169 4001287 5-71					15		14,799	3.74	554							
1393555 SCHUTZHOLM HOMESTEAD REPEAT...*		1	17	1-35	17	3.7	12,309	3.63	447		15	27	-14	.00	0	0
07-26-60 1262987 4545784 1-71					24		12,188	3.66	446							
1393576 RICHVALE MAJESTY BELLRINGER...*		3	21	1-51	50	2.4	15,652	3.71	580		8	47	+141	+.04	+11	+13
11-08-60 1338728 3198025 5-71					24		15,505	3.62	562							
1393583 EDGEWARE ROYAL MASTER.....*		7	13	1-21	36	1.8	13,177	3.45	455		10	44	+66	-.02	-1	+1
01-16-60 1305460 010729229 5-71					23		12,927	3.52	455							
1393597 BUTTERFIELD STYLEMASTER.....*		3	26	1-55	32	1.8	12,898	3.23	417		16	29	-210	.00	-8	-12
01-23-60 1175471 3287813 5-71					42		13,594	3.25	442							
1393607 BELLE-GRANT MILSONS OUKE.....*		1	20	1-34	20	3.1	16,663	3.56	594		0	28	+272	-.05	+3	+10
10-15-60 1053895 3487225 5-71					12		15,879	3.73	593							
1393610 HEATHEROALE COMET OAVIO.....		2	11	1-35	13	2.7	15,112	3.37	510		25	26	+137	-.02	+2	+5
09-20-60 1289589 4008150 5-71					14		14,662	3.42	501							
1393629 CAROLOALE SKOKIE FOBES.....*		7	12	2-31,65	25	3.0	13,716	3.39	465		5	40	+270	-.08	-1	+6
08-08-60 1315498 3759991 5-71					24		12,947	3.61	467							
1393645 CASWELL WILL COLANTHUS JIM....*	61-02	24	3	3-31,55,	48	2.9	16,223	3.66	593		18	73	+591	+.02	+24	+35
12-19-60 1174788 3729193 5-71				65	33		15,575	3.64	567							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1393660 HAYSSEN PRINCE DESIGN.....*		6	18	1-41	35	3.1	13,316	3.68	490	18	42	-553	+.05	-13	-25
11-23-60 1303434 3569302 5-71					15		14,723	3.58	527						
1393703 KYLAND BELMONT LEADER AMY.....*		1	11	1-35	11	2.0	13,535	3.54	479	**	22	+94	-.03	-1	+2
08-14-60 1262613 3598312 1-71					8		13,022	3.75	488						
1393704 KYLAND PREMIER SIR KDBA.....*		1	25	1-42	25	2.9	12,612	3.66	462	13	28	-177	.00	-6	-10
04-20-60 1126392 3884242 5-71					6		13,177	3.70	487						
1393708 PAPPYS ELSIE BURKE DARKEY.....		2	37	1-87	41	2.3	14,269	3.29	470	30	29	-114	.00	-4	-6
11-02-60 1317252 4159479 5-71					38		14,742	3.30	486						
1393721 CULVER LAD DICTATOR AJAX.....*	32-02	18	34	4-32,33,	100	2.0	14,859	3.65	542	16	52	-32	-.05	-8	-7
09-14-60 1160414 3975343 5-71				43,57	22		15,031	3.76	565						
1393766 OATS FARM DUKE JAMES-TWIN.....	35-75	17	3	12-12,35,	24	1.5	16,249	3.56	579	6	50	+3	-.04	-5	-4
07-18-60 1315498 4420848 5-71				41,48,93	27		16,498	3.64	601						
1393838 KANZA SKYHAWK SAL.....*		3	18	2-34,48	22	2.0	12,158	3.56	433	5	28	-386	+.01	-13	-21
10-28-60 1289574 3792966 5-71					5		13,494	3.56	481						
1393854 VALLA VISTA SUE MORRIS TRIUNE.	34-01	91	4	2-34,48	144	1.2	15,482	3.69	572	16	84	+556	+.08	+32	+41
12-07-60 1268290 3443348 5-71					17		14,917	3.61	538						
1393882 PHILFRED SKYLINER DUKE.....*		2	5	1-21	10	2.1	12,916	3.99	515	50	28	-524	+.10	-6	-19
10-30-60 1244845 4602264 5-71					16		14,924	3.65	544						
1393902 LUDWIG IDEAL COMMANDER.....*		12	7	2-42,47	26	2.8	12,254	3.59	440	17	50	-840	-.01	-31	-48
11-04-60 1144239 4169251 5-71					11		13,940	3.62	504						
1393904 LUDWIG RAVEN BURKE FOBES.....		1	13	1-42	13	1.9	10,202	3.82	390	**	23	-276	+.01	-8	-14
12-19-60 1223921 2915497 5-71					2		11,146	3.80	423						
1393943 ELMVALE PRINCE BURKE FDBES....*		1	12	1-21	12	3.0	15,044	3.48	524	0	25	+138	-.03	+1	+4
01-17-61 1105728 3883837 5-71					13		14,544	3.58	520						
1393961 M A A INKA DEAN.....*		2	17	1-92	19	1.7	12,918	3.65	471	23	25	-389	+.01	-13	-21
02-02-61 1237401 3946071 5-71					27		14,523	3.64	529						
1393997 PROVIN MTN IVANHOE JEWEL.....*	35-05	28	15	3-14,16,	130	2.1	17,284	3.80	656	13	73	+875	+.06	+41	+57
12-04-60 1189870 3993901 5-71				21	24		16,330	3.74	611						
1394010 MT JOSEPH WIS DEAN PILDT.....*		3	49	2-43,48	53	2.8	12,693	3.37	428	4	32	-99	.00	-4	-6
11-22-60 1188192 4389846 5-71					58		12,907	3.40	439						
1394032 B D I ARISTO ATLAS.....	96-01	4	8	1-96	18	1.8	13,024	3.59	467	10	36	-355	+.04	-8	-16
09-09-60 1124780 3852286 5-71					6		14,025	3.51	492						
1394041 WHITE HEIGHTS RDSE SENSATION..*		3	9	1-32	14	2.4	14,328	3.36	481	8	30	+196	-.07	-3	+3
11-02-60 1174486 3389349 5-71					40		13,632	3.62	493						
1394047 STDWELL FARMS KING BUSTER.....	21-01	45	1	4-13,21,	46	2.9	14,988	3.42	513	0	76	+91	-.10	-11	-7
08-04-60 1038509 2903874 5-71				23,55	23		14,972	3.55	531						
1394052 DUNLO SKOKIE PABST.....		1	29	1-41	29	3.6	11,806	3.66	432	**	30	-6	.00	0	0
11-29-59 1311795 3640895 5-71					7		11,594	3.70	429						
1394063 G LEAN REGAL KING.....*		2	47	2-43,73	51	1.8	11,311	3.68	416	5	29	+20	+.01	+2	+2
08-04-60 1281461 3824820 5-71					18		10,942	3.65	399						
1394087 C S P RAVEN CLYDE HILL ONE....		2	13	1-84	18	1.5	11,669	3.61	421	**	27	-251	+.02	-6	-11
10-06-60 1113350 3845566 5-71					95		12,441	3.54	441						
1394096 MELLO-VAR BURKE LAD.....*		3	10	2-23,51	19	3.2	17,840	3.37	602	17	37	+822	-.13	+10	+30
09-09-60 1105403 3775589 5-71					24		15,818	3.69	583						
1394117 RAG APPLE GLENAFTON JOE.....		1	21	1-52	21	1.4	14,412	3.32	478	27	23	-64	-.01	-4	-5
07-31-60 1322069 3742811 9-70					17		14,783	3.40	502						
1394134 DUNCO CAPTAIN JUPITER.....*		7	12	4-22,33,	23	2.4	15,374	3.68	565	29	37	+212	.00	+7	+11
09-16-60 1144239 4059888 5-71				35,41	25		14,894	3.69	550						
1394162 DAVENPORT EMPEROR.....	42-02	68	2	5-35,42,	95	2.2	13,200	3.56	470	22	85	-297	-.03	-15	-20
01-28-61 1212420 3284253 5-71				43,48,73	14		13,509	3.61	487						
1394173 MYRO RETURN MASTER.....*		5	18	1-41	27	2.7	13,420	3.55	476	4	35	+95	.00	+4	+6
02-12-61 1197956 4182192 5-71					10		13,062	3.51	459						
1394266 GLENAFTON RAG APPLE WINNER....*		5	18	3-34,35,	31	2.7	12,478	4.14	517	0	38	-358	+.10	+1	-8
07-01-60 010249530 011155491 5-71				65	7		13,358	3.86	515						
1394282 TUM-A-LUM IVANHOE WALLIE.....		3	28	1-86	55	2.9	14,697	3.28	482	17	43	+172	-.08	-5	0
07-16-60 1189870 3472449 5-71					37		14,339	3.45	494						
1394292 ROSNI CONQUEROR ARISTOCRAT....*	23-11	138	2	2-22,23	193	2.7	14,015	3.76	527	12	92	-517	+.12	-3	-16
12-24-60 1124780 3632376 5-71					16		14,647	3.65	535						
1394348 LONE RANCH IDEAL KATE WARD....	35-75	403	3	38-21,23,	638	1.1	15,265	3.52	537	11	96	+340	-.09	0	+9
07-16-60 933122 3311904 5-71				35,41,55	31		15,019	3.61	542						
1394393 CACHE ACRES REFLECTOR CAESAR..*		3	17	1-93	33	2.5	16,392	3.51	576	15	40	+366	-.08	+2	+11
08-24-60 1298430 3254874 5-71					102		15,648	3.69	578						
1394399 SILVERLANE LEADER ELDA DAVY...*		6	8	1-55	21	3.1	15,405	3.38	520	12	43	+371	-.04	+8	+16
03-17-60 1150470 3463074 5-71					27		14,604	3.44	502						
1394406 MARNET HOMESTEAD SKOKIE.....		1	17	1-35	17	1.9	14,927	3.76	562	0	24	+135	+.04	+11	+13
01-07-61 1282185 3933139 5-71					9		14,417	3.59	517						
1394450 DOWDNA BURKE MAESTRO JULE.....*		1	11	1-34	11	3.5	11,818	3.59	424	0	24	-295	+.02	-8	-14
11-04-60 1263007 4676991 5-71					13		12,962	3.53	457						
1394453 BARFARM MADCAP BUTTER BOY.....		2	23	1-23	25	2.4	11,934	3.89	464	**	28	-440	+.01	-15	-24
06-21-60 1152252 3942057 5-71					18		13,450	3.89	523						
1394486 DOLVIC EBONY.....*		6	6	1-35	14	2.8	14,674	3.75	550	10	36	+108	-.03	0	+3
01-09-60 1222048 3609498 5-71					21		14,419	3.85	555						
1394522 GOODWOOD RAVEN BURKE.....		1	45	1-43	45	1.9	16,445	3.66	602	8	28	+53	.00	+2	+3
12-04-60 1113350 3831791 5-71					25		16,510	3.66	605						
1394611 THOMPSON OAKS SKYLINER.....*		12	1	4-23,51,	12	1.8	14,319	3.37	483	25	42	+370	-.11	-2	+8
11-18-60 1244845 4226683 5-71				52,55	16		13,378	3.65	488						
1394625 SKOKIE DESIGN RETURN.....*		7	13	2-32,48	25	2.7	15,749	3.61	568	5	38	+136	-.03	+1	+4
01-19-61 1298378 4818208 5-71					12		15,555	3.68	572						
1394655 EDELMA JERRY PROSPECT.....*	35-21	166	2	5-33,34,	252	1.1	15,616	3.37	527	12	92	+565	-.26	-17	+1
01-03-61 1138441 4667678 5-71				35,43,52	17		15,117	3.65	552						
1394666 BASLER DOBIE PRINCE-TWIN.....*		1	12	1-35	12	2.2	11,095	3.42	380	10	23	-233	+.01	-7	-12
12-15-59 1254332 3751134 5-71					34		11,897	3.42	407						
1394692 ROMANDALE CAPITAINE.....*		24	8	6-21,35,	43	2.2	15,441	3.31	511	32	58	+778	-.23	-6	+15
07-31-58 010218036 010737853 5-71				42,45,73	25		14,109	3.73	526						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	DAUGHTERS AND HERDMATES DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	%	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1394693 MAYERS CAPITAINE IRISH DUKE...*		1	10	1-42	10	2.4	15,149	3.89	590		0	22	-50	+.03	+3	+1
08-30-60 1394692 4690330 5-71					3		15,537	3.76	584							
1394757 DEAN SOVEREIGN OF SUNNYBROOK..		2	19	1-23	31	2.8	13,844	3.68	510		4	37	-308	+.03	-7	-14
09-02-60 1099477 3674447 5-71					32		14,750	3.63	535							
1394802 OEANWAY REFLECTION PONTIAC....		2	12	1-87	15	1.9	11,158	3.77	421		13	27	-103	+.03	0	-3
09-23-60 1298430 3825581 1-71					23		11,273	3.70	417							
1394823 GREENWOOD IVAN WAYNE.....*		3	19	1-22	24	2.3	15,023	3.61	543		7	31	+133	-.03	0	+3
07-13-60 1189870 3449881 5-71					23		14,659	3.72	546							
1394824 GREENWOOD IVAN SIR.....*		22	7	4-21,22,	48	2.7	15,448	3.57	551		9	65	+393	-.04	+8	+17
10-15-60 1189870 3876809 5-71				23,63	26		14,942	3.63	543							
1394831 ELLENVALE CREATOR DUKE.....*		15	2	2-35,41	26	2.1	14,158	3.55	502		38	58	+104	-.10	-10	-6
01-12-61 1330985 3774745 5-71					15		13,984	3.73	522							
1394883 GOLDEN OAKS JERRY ROAMER.....*		3	5	1-33	10	1.7	17,159	3.25	557		**	27	+746	-.09	+14	+31
12-01-60 1138441 4043342 5-71					30		14,387	3.50	504							
1394884 CRESCENT BEAUTY JULIAN.....*		8	4	4-23,51,	22	2.6	12,822	3.82	490		13	52	-403	+.08	-4	-14
05-21-60 1295796 4094839 5-71				54,55	29		13,568	3.69	500							
1394907 GREENGLOW-FARM CHARM B BOY....*		3	5	2-13,21	11	2.9	13,922	3.68	513		0	34	-239	+.03	-5	-10
05-28-60 1152252 3913644 5-71					22		14,710	3.64	535							
1394936 STEVELAWN MASTER MUTUAL.....		1	42	1-34	42	2.6	13,372	3.41	456		0	29	+54	-.02	-1	+1
10-17-58 1333433 3728639 5-71					13		13,101	3.50	458							
1394970 HAYSSEN D V SOVEREIGN.....*		1	20	1-35	20	2.6	17,088	3.35	573		0	27	+172	-.08	-5	0
01-16-61 1309948 4650071 5-71					9		16,733	3.61	604							
1395018 HUIRAS MEIS FAVORITE.....*		1	24	1-35	24	2.8	12,523	3.90	488		6	27	+128	.00	+5	+7
12-12-60 1118038 3404329 5-71					13		11,845	3.93	466							
1395022 SUPER VIEW SKYLINER.....*		8	4	3-81,82,	20	2.5	15,888	3.39	538		6	48	+532	-.06	+10	+22
11-13-60 1244845 4388978 5-71				87	10		14,883	3.49	520							
1395053 ROJEN ACE REBURKE DUKE.....*		1	23	1-21	23	3.6	13,088	3.70	484		**	29	-304	-.01	-12	-18
02-24-60 1112211 3170459 5-71					11		14,157	3.74	530							
1395068 REDDING QUEEN WALLIE.....*		1	19	1-32	19	3.2	12,866	3.63	467		10	27	-39	+.02	+1	0
06-16-60 1190632 3604773 5-71					5		12,908	3.54	457							
1395071 WAYBROOK PARAMOUNT-TWIN.....*	23-09	243	3	9-21,22,	412	1.3	13,883	3.93	545		14	95	-887	+.21	-4	-26
12-10-60 1243697 5245054 1-71				23,50,51	21		14,921	3.73	556							
1395082 DABOGRIF ECHO FOBES.....*		3	24	2-23,50	28	2.6	12,604	3.60	454		0	30	-140	.00	-5	-8
11-09-60 1268689 4061998 5-71					33		12,972	3.62	469							
1395090 LARKFIELD SAL REX.....*		4	8	2-32,64	14	3.1	12,407	3.58	444		0	35	-560	-.01	-22	-33
12-20-60 1265469 4867028 5-71					12		14,043	3.65	512							
1395116 TIDY BURKE MAINSPOKE.....*		12	11	2-41,48	40	2.2	16,476	3.55	585		9	51	+424	-.01	+14	+23
08-21-60 1329249 3825990 5-71					19		15,831	3.56	563							
1395117 TIDY BURKE GILT EDGE.....*	35-05	27	4	4-33,35,	59	2.9	14,963	3.52	526		14	75	+641	-.10	+8	+23
08-24-60 1329249 3348174 5-71				42,74	13		14,122	3.65	516							
1395119 TIDY CORNERSTONE PRINCE.....*		13	7	5-35,43,	32	2.1	15,785	3.29	519		16	53	+369	-.15	-8	+3
11-27-60 1329249 3883577 5-71				47,48,73	31		15,211	3.55	540							
1395130 KAUFMAN IMPERIAL SKOKIE NOEL..*		1	35	1-31	35	2.8	12,547	3.73	468		10	29	-175	+.06	+2	-3
01-08-61 1315498 3862885 5-71					8		13,062	3.49	456							
1395203 SUGARLANE COMET KING.....		4	6	1-52	15	2.2	13,819	3.65	504		**	36	+76	+.02	+5	+6
11-27-60 1070036 4029411 5-71					4		13,571	3.60	489							
1395357 LAVACRES DICTATOR PRESCOTT....*		7	22	2-86,92	67	2.9	16,261	3.48	566		12	53	-121	.00	-4	-6
12-07-60 1204163 4616594 5-71					25		16,774	3.48	584							
1395380 EJLANE INSIGNIA WILSON-TWIN...*		5	5	1-32	16	2.2	14,751	3.55	524		20	39	+60	-.02	0	+2
01-05-61 1179372 4736575 5-71					17		14,671	3.60	528							
1395384 SCHAFFERLAND B B PIDON.....*	35-21	1	39	1-41	39	2.6	15,105	3.89	587		22	28	+57	.00	+2	+3
09-07-60 1198696 3651857 5-71					28		15,011	3.91	587							
1395482 DROWN FARM HOMESTEAD KING....*		1	10	1-13	10	3.5	14,044	3.47	487		0	24	+102	-.03	0	+3
10-21-60 1092490 4776126 5-71					23		13,588	3.58	486							
1395546 MEISEGEIER TYPEMASTER.....*		4	30	1-35	36	2.6	14,497	3.81	552		17	31	+11	.00	+1	+1
06-29-60 1270685 3018055 5-71					12		14,518	3.82	555							
1395551 MEISEGEIER C J CREATOR.....*		2	29	2-35,55	31	2.5	11,972	4.00	479		4	29	-217	+.09	+5	-1
07-23-60 1262986 4172401 5-71					20		12,598	3.63	457							
1395599 KYLAND BONNY COUNT.....*		8	56	1-43	86	2.2	10,568	3.86	408		13	38	-250	+.05	-2	-8
02-10-61 1265166 3096393 5-71					36		10,930	3.71	405							
1395606 BOTTHAVEN MAGICIAN WARRIOR....*		5	44	2-22,34	52	2.0	15,124	3.71	561		20	31	-7	+.02	+2	+1
02-14-61 1138451 4564261 5-71					25		15,285	3.66	560							
1395643 FISHER FARMS VICTOR.....*		4	11	1-21	27	2.1	14,999	3.65	548		37	40	+92	.00	+3	+5
02-28-60 1213164 4189982 5-71					22		14,864	3.66	544							
1395663 SKOKIE CORONATION.....*		21	11	8-21,23,	58	2.1	14,503	3.79	549		9	60	-420	+.11	0	-11
01-03-61 1352968 2724579 5-71				34,47,51	58		15,341	3.62	555							
1395698 HARTSBROOK IVANHOE REGAL.....*		11	5	2-14,55	21	2.0	14,054	3.80	534		24	45	-187	+.05	0	-5
09-20-60 1189870 3340871 5-71					16		14,535	3.71	539							
1395713 MAVIEW FOREST TOGUS.....		1	59	1-57	59	1.8	14,489	3.72	539		18	27	-66	.00	-2	-3
12-12-60 1260169 3804035 5-71					8		14,825	3.76	557							
1395826 FULTONWAY IVANHOE VAN DYKE....*		16	29	12-16,21,	91	2.8	14,929	3.38	505		9	56	+499	-.09	+5	+17
08-09-60 1189870 4382863 5-71				34,61,74	203		14,044	3.52	495							
1395837 ROMANDALE COUPON.....*		5	38	1-93	97	2.3	15,826	3.97	629		7	50	+477	+.12	+34	+41
11-20-60 010257174 011296221 5-71					27		14,974	3.79	567							
1395838 ROMANDALE CELEBRITY.....*	34-01	166	4	7-32,33,	292	1.3	12,835	3.84	493		27	91	-1,473	+.19	-29	-62
09-27-60 010198998 011041914 1-71				34,35,54	17		14,508	3.65	529							
1395840 QUAST GOVERNOR WALKER.....		1	16	1-41	16	2.5	12,247	3.46	424		20	25	-252	-.01	-11	-16
10-04-60 1234023 4531470 1-71					4		13,166	3.55	468							
1395845 MAYERS CAPITAINE DUKE MAJESTY.*		5	6	3-41,45,	12	2.2	15,300	3.71	568		0	31	+312	+.05	+18	+23
10-05-60 1394692 4725042 5-71				46	17		14,345	3.56	510							
1395846 MAYERS CAPITAINE BLACK PRINCE.*		4	7	1-35	19	2.8	15,009	3.35	503		17	41	+323	-.10	-2	+7
10-27-60 1394692 4386831 5-71					12		14,248	3.59	512							
1395850 MAYERS DUKE SIR MAJESTY.....*		4	14	4-35,57,	23	2.1	11,287	3.61	407		33	33	-494	+.02	-15	-25
02-07-61 1293580 4232334 5-71				65,85	30		12,654	3.56	451							

REGISTRATION NUMBER NAME OF BULL	STUO CODE	NUMBER OF HEROS	EFF OAU /HD	STATES NO- WITH MOST OAUS	... OAUGHTERS AND HEROMATES ... OAUS HM/OAU	REC/OAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1395851 MAYERS DUKE MAY KING.....*		10	33	2-35,45	52	2.3	14,442	3.84	555	9	38	-348	+.02	-10	-17
01-31-60 1293580 3638102 5-71					19		15,527	3.83	594						
1395854 MAYERS OUKE MONARCH.....*		8	4	2-35,41	19	2.6	13,679	3.73	510	6	46	-272	+.06	-1	-8
10-04-60 1293580 3638099 5-71					20		14,312	3.60	515						
1395856 MAYERS OUKE MAJESTY LESTER....*		6	7	1-42	22	2.7	13,452	3.72	501	0	45	-102	+.01	-2	-4
12-11-60 1293580 3784070 5-71					8		13,651	3.71	507						
1395889 EONACHESTER ROSAFE JESS.....*		6	5	1-21	14	2.1	13,839	3.32	460	20	36	-241	-.05	-15	-19
03-18-60 010239301 3699745 5-71					21		14,584	3.46	504						
1395904 SMITHOLM REFLECTION LOUIE.....*		2	10	1-21	12	3.1	13,749	3.34	459	10	26	-181	-.06	-15	-17
08-05-60 1321903 4491122 5-71					9		14,498	3.60	522						
1395907 SMITHOLM R LEO.....*		4	6	1-23	11	2.5	12,849	3.53	453	17	30	-239	-.09	-21	-24
10-19-60 1298430 4491140 9-70					22		13,613	3.87	527						
1395908 SMITHOLM R LESTER.....*	35-05	45	2	8-21,23,	67	1.4	13,622	3.64	496	29	76	-643	-.01	-24	-37
10-26-60 1298430 4052242 5-71				32,35,42	19		14,528	3.66	532						
1395916 OAKTON 8URTON MASTERPIECE-TWIN*		14	9	5-21,23,	40	1.6	12,887	3.60	464	**	50	-342	.00	-12	-19
03-18-59 1231051 3661033 5-71				31,35,65	12		13,525	3.62	489						
1396047 MINNVALE CAPTAIN COLONEL.....		1	20	1-41	20	2.4	13,335	3.46	462	42	26	-201	-.01	-9	-13
10-01-60 1144239 4010943 5-71					7		14,146	3.56	503						
1396058 RO8URKE ORELAN ETTA KING.....		1	22	1-35	22	2.6	13,679	3.66	500	6	27	-138	+.04	0	-4
08-24-60 1292880 4604092 5-71					30		14,231	3.54	504						
1396189 MEARS DOREIGH IVANHOE.....*		7	11	2-12,21	40	2.8	14,637	3.57	522	14	54	-232	-.05	-15	-18
01-20-61 1189870 2967415 5-71					15		15,198	3.67	558						
1396199 SANMARGALE WIS MARVEL.....*		3	32	2-31,48	51	2.4	14,477	3.73	540	17	37	-90	.00	-3	-5
02-05-60 1068870 3106450 5-71					30		14,806	3.76	556						
1396232 OONKEN TRANSMITTER MONA DESIGN*		5	6	2-41,42	15	2.1	13,667	3.68	503	13	35	-174	+.02	-4	-8
06-17-60 1372393 4174839 1-71					7		14,186	3.65	518						
1396263 WIS PRINCE.....*		5	26	1-43	35	1.9	10,499	3.78	397	3	32	-158	+.02	-3	-7
01-20-61 1330357 3223506 5-71					49		10,674	3.76	401						
1396268 WIS PIONEER GENERAL.....*		6	29	3-33,35,	38	2.6	14,459	3.79	548	3	34	+149	+.02	+8	+11
12-26-60 1292880 3373777 5-71				85	32		14,032	3.75	526						
1396270 WIS ROMEO.....*		38	1	9-13,16,	39	1.7	14,685	3.58	526	**	70	-23	-.03	-5	-5
01-19-61 1292880 3111751 5-71				21,23,51	18		14,805	3.63	538						
1396302 MAPLE LAWN SKYLINER JOE.....*		1	43	1-51	43	2.7	17,191	3.32	570	11	29	+236	-.05	+1	+7
02-05-61 1244845 3899438 5-71					31		16,649	3.44	573						
1396303 ASU KANE WILMET IVANHOE-TWIN..*		1	44	1-86	44	2.6	14,895	3.79	564	16	29	-15	+.05	+7	+5
12-12-60 1189870 4400507 5-71					31		15,064	3.61	544						
1396328 RU8Y ACRES WIN TRANSMITTER....*		1	13	1-33	13	3.1	12,284	3.53	434	0	25	-21	-.01	-2	-2
02-03-61 1267652 3879437 5-71					12		12,198	3.60	439						
1396355 SUNNYOECK HEILO PA8ST KENNY...*		8	6	2-91,92	31	3.2	16,872	3.27	552	0	56	+818	-.11	+14	+33
09-03-60 1203206 4174373 5-71					30		15,585	3.39	529						
1396360 LIME HOLLOW MAGICIAN DYNAMITE.*		7	2	2-21,22	10	1.8	12,081	3.55	429	40	35	-278	-.01	-12	-17
02-07-61 1138451 3319859 1-71					8		12,768	3.63	464						
1396403 RIVERLEA MISTER CRETE TIOY....*		5	7	2-21,23	15	2.7	14,707	3.56	523	20	36	-79	+.01	-2	-4
11-05-60 1020473 3662623 5-71					35		15,043	3.55	534						
1396420 LOCHLAWN PROFILE.....*		1	22	1-41	22	2.8	14,479	3.54	512	13	28	+150	.00	+5	+8
09-02-60 1336320 4107406 5-71					6		13,933	3.53	492						
1396422 LOCHLAWN REY8URN.....		1	15	1-41	15	3.2	13,769	3.48	479	31	26	+186	-.04	+1	+6
10-01-60 1336320 4543187 5-71					6		12,946	3.63	470						
1396483 COLINDON RAVEN RAYMONO.....*		4	3	1-21	10	2.1	14,205	3.47	493	14	31	-141	-.03	-9	-11
11-12-60 1113350 4106066 5-71					27		14,735	3.58	527						
1396509 WEAVEROALE 8URKE RAG APPLE...*		1	28	1-31	28	2.8	13,885	3.27	454	0	29	+200	-.02	+5	+9
12-03-60 1113350 3601499 5-71					15		13,108	3.27	428						
1396522 LANGE ROYAL 8ANNER.....*		6	3	2-23,34	13	2.0	13,744	3.46	475	8	40	+177	-.04	+1	+5
11-29-60 1305460 4477633 5-71					19		13,223	3.54	468						
1396567 A88EY OELL 8ILLY 8URKE.....*		1	19	1-32	19	3.9	14,604	3.77	550	6	28	+111	+.03	+8	+10
10-31-60 1322272 4354253 5-71					21		14,244	3.66	522						
1396579 CEOAROALE CRETE ORMS8Y.....		2	7	1-13	13	1.4	16,114	3.79	611	20	28	+31	+.04	+7	+7
05-22-59 1285952 3165000 5-71					36		16,233	3.66	594						
1396601 AOMIRAL CARGO.....*		8	4	1-42	19	2.4	13,163	3.41	449	14	47	-683	-.10	-38	-49
01-14-61 1347010 3417471 5-71					10		14,704	3.64	535						
1396617 JA-SAL SKYLINER 8ELINA.....*		11	7	9-21,31,	23	1.7	17,172	3.64	625	10	42	+770	-.07	+18	+35
09-27-60 1244845 3818879 5-71				33,34,35	26		15,514	3.82	592						
1396645 8RAE8URN TOREAOOR.....		1	10	1-21	10	3.2	13,083	3.63	475	**	24	-118	-.01	-5	-7
12-25-60 1144239 4001911 5-71					20		13,538	3.70	501						
1396647 8RAE8URN SA8ER.....*		3	9	1-21	16	3.0	13,060	3.57	466	14	35	-814	.00	-29	-45
12-25-60 1280494 2675658 5-71					65		15,558	3.58	557						
1396702 MASTER REX REGENT.....		2	10	1-45	12	2.5	13,546	3.40	461	**	26	-152	.00	-5	-8
10-18-60 1302213 3988199 5-71					5		14,155	3.39	480						
1396740 ZIMMERMAN PILOT STAR SY8.....	35-75	85	11	23-23,32,	143	1.6	16,316	3.79	619	11	77	+555	+.12	+38	+46
08-27-60 1261857 4648404 5-71				35,41,42	13		15,777	3.66	577						
1396863 GEMVIEW EM8LEM 8ONNIE JON.....*		1	14	1-32	14	3.3	14,719	3.91	575	0	26	+221	+.05	+15	+18
10-20-60 1302422 4410246 5-71					13		13,870	3.74	519						
1396885 SKYWAY VALLA VISTA OOU8LE.....*	33-03	147	9	25-21,23,	287	1.4	14,994	3.63	544	17	88	+295	+.01	+12	+18
11-14-60 1344345 4496001 1-71				35,41,86	27		14,738	3.62	533						
1396976 CLARJON RO8URKE A88EKERK.....*		1	14	1-31	14	2.9	14,362	3.63	521	0	26	+50	-.01	0	+1
09-26-60 1035164 3197953 5-71					16		14,196	3.68	523						
1397021 VALENTINE PROSPERITY 8URKE....*		8	3	2-84,93	17	2.2	13,698	3.58	490	0	45	-453	.00	-16	-25
07-05-60 1259037 4241877 5-71					28		14,783	3.59	531						
1397027 8RANLINE NAPOLEON.....		3	10	1-35	19	3.2	15,423	3.60	555	6	37	+348	.00	+13	+20
04-20-60 1150470 3608863 5-71					6		14,550	3.59	522						
1397054 HARMONY CREST FANCY KING.....*	35-03	223	8	29-11,23,	481	1.6	14,833	3.67	544	10	94	-194	-.05	-14	-17
11-12-60 1189870 4245161 5-71				35,51,52	24		15,164	3.73	566						
1397088 EXRANCO FONO MARKSMAN.....	93-03	27	38	3-43,82,	259	1.6	16,145	3.73	602	14	70	-255	+.14	+10	+2
01-20-61 01C218036 3596419 5-71				93	122		16,796	3.55	597						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... OAUS HM/DAU	REC/DAU HEROMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1397089 EXRANCO RAG APPLE SPARTACUS...	93-03	15	25	2-92,93	114	2.0	17,044	3.51	599	10	62		+406	-.05	+8	+17
01-28-61 010218036 4765048 5-71					134		16,657	3.58	596							
1397093 WINTERCREST STAROUST.....*		6	10	1-21	26	2.4	14,282	3.61	515	4	43		+4	.00	0	0
12-17-60 1313444 3457681 5-71					23		14,308	3.62	518							
1397094 TALOGA NIG ADMIRAL CHIEF.....*		3	18	3-48,73,	29	1.7	12,033	3.66	441	**	33		-341	+.02	-9	-16
02-17-61 1333200 4312646 5-71				74	19		12,957	3.61	468							
1397136 IOEOGRAPH SOVEREIGN SUPREME...*		29	7	9-51,82,	78	1.8	13,722	3.70	508	22	72		-1,042	+.10	-25	-48
01-20-61 010249633 3718868 5-71				87,92,93	27		15,305	3.59	549							
1397170 VERPANA FARM REGENT BURKE.....*		1	21	1-35	21	1.6	15,007	3.38	507	11	24		+316	-.07	+2	+10
10-10-60 1250772 3392339 5-71					17		13,658	3.63	496							
1397184 NAPSTAHOS MAC ARGYLE OE KOL...*		6	14	1-93	44	2.1	15,387	3.63	559	13	48		-410	+.03	-11	-20
08-08-60 1324830 4393155 5-71					81		16,494	3.59	592							
1397206 WHIRLHILL JEN OLYMPIAN.....		2	9	1-34	16	3.3	14,920	3.35	500	18	36		-221	-.05	-15	-18
10-04-59 1232399 4096715 5-71					20		15,719	3.49	549							
1397209 ST CROIXCO PIONEER.....*	35-21	388	3	16-23,34,	788	1.7	15,781	3.61	569	9	97		+925	-.04	+27	+46
01-15-61 1189870 3676388 5-71				35,41,43	17		14,928	3.66	546							
1397214 DOREIGH FARMS GENERAL LUKE....*		5	14	1-21	28	3.2	12,260	3.60	441	0	42		-299	+.04	-5	-12
02-28-61 1336838 3293543 5-71					28		12,864	3.50	450							
1397221 ELMHAVEN ILEX VICTOR.....*		1	16	1-13	16	2.9	11,992	3.44	412	0	27		-364	-.01	-15	-22
09-14-60 1213164 4442478 5-71					33		13,282	3.53	469							
1397244 BREEZEWOOD CHAMPION PRINCE....*		1	22	1-31	22	2.3	12,550	3.68	462	0	26		-272	.00	-10	-15
10-05-60 1247237 3806418 5-71					9		13,548	3.72	504							
1397263 ROUND OAK GAY LUCIFER-TWIN....*		4	26	2-51,52	45	2.1	13,028	3.92	511	24	38		-715	+.17	-3	-21
09-13-60 1294924 3884690 5-71					26		15,026	3.49	525							
1397333 LOYS RAVENGLEN HOMER.....*		2	8	1-33	10	3.0	12,066	3.74	451	0	26		-496	+.04	-13	-24
12-13-60 1226474 3371709 1-71					12		13,950	3.63	506							
1397385 EASTHAVEN REROYAL.....*		8	2	1-32	11	3.2	14,198	3.45	490	0	42		-64	-.07	-12	-12
10-19-59 1192713 4263918 5-71					15		14,400	3.64	524							
1397405 LEMAX IVANHOE COMMANDER.....*		7	13	1-13	35	3.0	15,730	3.86	607	9	46		+381	+.06	+23	+29
11-29-60 1189870 4316518 5-71					22		15,013	3.75	563							
1397406 LEMAX IVANHOE OSBORNDALE.....*		11	7	3-13,14,	34	2.7	16,066	3.77	606	7	54		+594	+.05	+29	+39
01-18-61 1189870 3923667 5-71				16	36		15,082	3.69	557							
1397422 ZIPPER KING LAMAGA.....*		1	12	1-23	12	3.4	11,578	3.53	409	17	25		-485	-.02	-20	-29
10-10-60 1254985 3491203 1-71					10		13,477	3.66	493							
1397423 JUNCTION TRANSMITTER PILGRIM..*		3	14	1-42	18	3.0	14,487	3.54	513	0	30		-247	+.02	-6	-11
09-03-60 1315824 3340675 5-71					11		15,454	3.49	540							
1397466 REFLECTION SKYROCKET.....*		89	12	19-13,14,	208	2.4	15,595	3.52	549	12	84		+146	-.15	-16	-9
02-14-57 010198998 010761986 1-71				16,21,23	27		15,586	3.70	577							
1397483 MISTYVALE WREX.....*		1	25	1-23	25	3.0	14,414	3.51	506	8	28		+116	-.03	0	+3
03-25-60 1286036 3937419 5-71					22		14,007	3.61	506							
1397502 FRAN-CEL RAVEN IOEAL STEVE....		3	11	1-42	23	2.5	10,904	3.79	413	18	38		-578	+.02	-18	-30
01-17-61 1113350 3851440 5-71					6		12,258	3.74	458							
1397517 BRIGEEN CHIEF FLYING CLOUD....*	33-03	1,080	7	44-11,21,	2,036	1.5	15,009	3.70	556	18	98		-285	+.05	-3	-10
10-31-60 1189870 3862151 5-71				23,35,93	29		15,451	3.66	566							
1397561 PETERS FARM MARKSMAN IVANHOE..*	35-75	58	11	16-21,23,	97	1.8	15,436	3.71	572	6	70		+212	+.01	+9	+13
07-25-60 1189870 4581126 5-71				41,52,55	19		15,263	3.71	566							
1397617 WHITILL INVINCIBLE KING.....*		4	13	2-33,93	18	2.2	13,208	3.84	507	0	30		-133	+.03	0	-3
02-28-60 1056882 3572284 5-71					31		13,618	3.76	512							
1397630 VALLEY KNOLL DUKE.....*		2	12	1-33	14	3.7	16,334	3.42	559	17	28		+385	-.07	+4	+13
07-05-60 1293580 4649896 5-71					15		15,092	3.63	548							
1397702 MIOLANO AWARD SIGNET.....		1	15	1-93	15	1.0	17,397	3.72	647	**	20		+330	.00	+12	+19
02-16-61 1363468 4671630 5-71					23		15,921	3.74	596							
1397712 PIETERTJE LEADER JACK.....		1	42	1-35	42	2.5	14,108	3.66	517	5	29		+3	-.02	-2	-2
11-03-60 1298858 4140795 5-71					14		14,113	3.76	530							
1397752 ZELOENRUST ROYAL PONTIAC.....*	34-01	1,296	7	41-21,23,	3,868	2.2	13,881	3.44	478	15	99		-531	-.17	-42	-49
08-19-60 1305460 2649438 1-71				32,34,51	24		14,470	3.61	523							
1397787 PAUL BELBROOK DESIGN.....*		2	18	1-31	20	2.6	12,624	3.46	437	**	28		+153	-.01	+4	+7
04-22-60 1312592 4615876 5-71					20		11,869	3.50	415							
1397813 MAUR-LINO ANSON MAGIC.....		2	10	1-93	12	1.8	15,358	3.72	571	14	24		-293	+.08	0	-8
01-11-61 1314880 4295371 1-71					97		16,886	3.44	581							
1397814 MAUR-LINO ANSON SHADOW.....		2	53	1-93	57	1.9	16,345	3.54	578	25	29		-2	+.02	+3	+2
01-24-61 1314880 4519458 5-71					92		16,623	3.46	575							
1397818 MILLBRANO MADCAP HOMESTEAD....*		13	3	3-13,16,	23	2.4	12,530	3.37	422	13	55		-737	-.08	-37	-50
09-10-60 1152252 4729299 5-71				21	22		13,878	3.53	490							
1397828 GLENKEEN DUKE EMMET KING.....*		2	9	2-32,33	16	3.5	13,851	3.52	488	13	35		-52	-.03	-6	-6
07-28-60 1310441 3654804 5-71					8		14,011	3.63	508							
1397868 LYTTONA ORMSBY ARISTOCRAT.....*		5	39	3-31,32,	48	2.4	13,591	3.71	504	11	33		-101	.00	-3	-5
11-20-60 1124780 3427281 5-71				57	20		13,899	3.72	517							
1397871 VALLA VISTA POSCH ORMSBY GREAT		11	42	6-33,42,	89	2.1	15,177	3.51	533	12	45		-137	.00	-5	-8
01-17-61 1243399 3138737 5-71				43,47,48	22		15,653	3.51	550							
1397884 L-LEAN ADEEN VICTOR.....*		1	30	1-72	30	1.5	14,175	2.98	423	10	25		+105	-.02	+1	+4
01-20-61 1279028 3913101 5-71					20		13,737	2.98	410							
1397940 ORMSBY BUTTER BOY OLLIE.....		7	2	2-23,51	10	1.4	16,792	3.54	595	0	34		+557	-.04	+15	+27
10-06-60 1297547 3844509 1-71					18		15,268	3.65	557							
1397954 WILLOW HILL ORMSBY DESIGN.....		1	12	1-34	12	2.2	13,152	3.56	468	60	22		-347	+.03	-8	-16
03-29-59 1053895 2673084 1-71					20		14,863	3.45	513							
1397960 WYE OAK IVANHOE BELLBOY.....*		4	7	2-23,52	13	2.9	12,901	3.76	485	9	34		-542	-.01	-21	-31
10-05-60 1189870 3263160 5-71					17		14,575	3.82	557							
1397983 LOCKWAY DE ORMSBY LUCIFER.....*		1	25	1-23	25	3.1	11,207	3.63	407	0	29		-276	+.02	-7	-13
01-22-61 1165012 4044220 1-71					28		11,967	3.56	426							
1397984 LOCKWAY LUCIFER IVANHOE.....*		8	3	1-23	14	2.9	15,911	3.92	624	8	45		+364	+.11	+29	+34
10-16-60 1189870 4875773 5-71					39		15,222	3.71	565							
1397999 WHISPERING CEDARS LUCIFER CARL*		9	2	2-23,51	13	1.9	13,712	3.88	532	**	42		-362	+.07	-4	-13
11-26-60 1352693 3805005 5-71					25		14,656	3.75	549							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1398027 JERGENS ROYAL ORMSBY.....*		6	12	2-46,47	35	2.8	15,409	3.47	535	19	48	-103	-.02	-7	-8
02-02-61 1305460 4067637 5-71					10		15,812	3.52	557						
1398060 VERNON HEIGHTS MASTER JESS....*		1	10	1-35	10	2.3	12,900	3.59	463	13	23	-71	-.02	-6	-7
02-19-61 1197955 4309586 5-71					12		13,141	3.76	494						
1398116 M V 8 A PROFILE ELLA PAUL-TWIN	41-01	30	3	2-41,45	48	2.0	14,689	3.75	551	23	71	+240	+.10	+23	+25
06-26-60 1169417 4203258 5-71					23		14,395	3.61	520						
1398117 M V 8 A PROFILE ELLA PETE-TWIN	41-01	94	1	5-35,41,	108	2.1	13,544	3.54	480	20	87	-513	-.01	-20	-30
06-26-60 1169417 4203258 5-71				42,45,46	15		14,160	3.56	504						
1398118 M V 8 A WALKER KNOLLSIOE WALLY	41-01	191	2	4-41,42,	242	1.3	13,627	3.60	491	15	92	-721	+.02	-23	-38
09-29-60 1136905 4011839 5-71				45,46	12		14,461	3.58	518						
1398128 ROVEL LEAOER COLSTINS.....		2	35	1-84	37	2.0	15,906	3.56	566	13	28	-3	+.04	+6	+5
04-18-60 1320839 4487582 1-71					3		16,140	3.41	550						
1398134 CASH-MAR HEAOLINER KORNDYKE...*		2	37	1-32	39	3.5	15,685	3.61	566	11	31	+15	+.03	+5	+5
09-14-60 1333526 3845664 5-71					26		15,826	3.50	554						
1398147 CASH-MAR REFLECTION IONA.....*		6	26	3-21,32,	40	2.8	11,869	3.45	409	9	38	-625	-.01	-24	-36
09-30-60 1306035 3218326 5-71				55	15		13,492	3.51	474						
1398185 LARRO INKA OE KOL ALGERNON....*		4	3	1-42	11	2.7	14,516	3.27	475	14	37	+182	-.10	-7	-1
09-16-60 1038509 4806604 5-71					9		14,036	3.53	496						
1398203 DONDELL LEAOER HONEY BOY.....		3	10	1-48	24	3.0	13,712	3.54	486	25	42	-154	-.02	-8	-11
11-17-60 1150470 3490963 1-71					10		14,101	3.61	509						
1398216 SKOKIE CHAMPION.....	33-03	397	3	37-21,23,	614	1.9	15,293	3.52	539	10	97	+795	-.09	+16	+34
10-09-60 1199324 3099075 5-71				35,41,42	22		14,530	3.61	525						
1398230 WILLAROS GLENAFTON MAR.....*		8	9	2-35,74	25	2.7	14,801	3.61	535	14	44	-31	+.06	+7	+5
11-16-60 1055021 2931869 5-71					26		14,976	3.47	520						
1398233 WILLARDS GLENAFTON OLLIE.....*		6	4	3-35,57,	16	2.4	14,223	3.56	506	8	44	-382	-.01	-15	-22
12-08-60 1055021 3813325 5-71				73	34		15,223	3.59	546						
1398286 PACEMAKER PEEL LODGE-TWIN.....*		14	45	3-52,55,	82	2.2	14,656	3.48	510	20	41	-188	-.03	-11	-14
08-15-59 010249633 010979698 5-71				56	31		15,242	3.56	543						
1398289 PABST ADMIRABLE.....		1	19	1-42	19	2.7	11,021	3.77	416	**	26	-209	+.03	-3	-8
11-15-60 1358647 4670456 5-71					9		11,582	3.64	422						
1398314 REX TRIUNE OE KOL.....*		3	25	1-41	31	2.3	14,170	3.47	492	16	30	-161	-.06	-14	-16
11-28-60 1297169 3614038 5-71					21		14,794	3.70	547						
1398355 KYLAND PREMIER CRESCENT LAO...*		7	14	2-43,73	30	2.2	13,666	3.60	492	4	40	+117	+.03	+8	+10
01-15-61 1126392 4086149 5-71					18		13,312	3.53	470						
1398363 TYLER FARMS MODEL INSPECTOR...*	21-10	113	3	7-11,12,	192	2.4	14,817	3.72	551	15	91	+496	+.02	+21	+30
01-06-61 1148993 2986016 5-71				13,14,16	18		14,310	3.71	531						
1398408 C S P F LUCIFER PILOT.....*		3	33	1-16	68	2.2	17,669	3.63	641	14	43	+474	-.06	+8	+19
11-07-60 1288194 3865019 5-71					69		16,865	3.77	635						
1398429 LONDON OHIO GRAN KING.....*		6	32	1-31	50	2.3	15,970	3.67	586	10	37	-73	.00	-2	-4
01-28-61 1060490 4082339 5-71					31		16,418	3.67	603						
1398434 HUOSON ROAO ROMEO PROFILE.....*		2	8	1-42	10	2.9	13,812	3.63	502	11	26	-228	.00	-8	-13
01-07-61 1169417 3387148 5-71					7		14,778	3.65	539						
1398510 KIMVALE SEARS MASTER RICHARO..	21-10	38	1	4-13,21,	41	2.6	15,077	3.49	526	14	73	-112	-.06	-12	-13
12-11-60 1085978 4345425 5-71				22,23	25		15,374	3.56	548						
1398523 SHUR-POLL ROCKET PROGRESSOR P.		2	10	1-41	19	2.7	13,915	3.61	503	11	36	+32	-.01	0	+1
08-14-60 1326002 4630373 5-71					27		13,814	3.65	504						
1398525 SHUR-POLL ROCKET MASTER-TWIN..		1	21	1-45	21	1.4	16,431	3.77	620	21	23	+197	+.01	+8	+12
11-01-60 1326002 5082431 5-71					13		15,752	3.76	593						
1398530 SHUR-POLL ROCKET CARNATION....*		5	9	2-50,52	16	1.9	11,687	3.81	445	20	30	-348	.00	-13	-20
01-02-61 1326002 3499150 1-71					19		12,711	3.85	490						
1398531 SHUR-POLL ROCKET ORMSBY P.....*		10	1	2-41,74	13	2.0	13,902	3.26	453	13	43	+327	-.13	-7	+3
02-14-61 1326002 3163485 5-71					10		13,056	3.59	469						
1398559 LUCKY ROSEHAVEN BENEFACTOR....*		2	30	1-41	34	2.4	14,302	3.29	471	11	30	+258	-.05	+2	+8
01-03-60 1132684 4622966 5-71					5		13,390	3.44	460						
1398578 HI LO RE DON.....*		4	9	4-23,35,	14	2.6	13,585	3.83	520	7	31	-389	+.06	-6	-15
08-26-60 1318821 3054959 5-71				56,73	19		14,943	3.65	546						
1398597 FAIRCREST ROSE WALLIE BURKE...*		3	6	1-31	12	1.7	11,263	3.52	396	**	30	-360	-.03	-17	-23
01-18-61 1190632 4628997 5-71					11		12,322	3.67	452						
1398631 WAR-REN ROYAL HI-MAC.....*		5	9	1-91	17	2.7	15,117	3.23	488	0	36	-232	-.08	-20	-23
10-06-60 1305460 4225765 5-71					12		15,968	3.46	552						
1398698 PRINCE GER8 BURKGOV.....*		5	7	1-21	13	2.8	15,259	3.62	552	11	34	-389	-.01	-16	-23
10-29-59 1038509 3624710 5-71					21		16,695	3.68	615						
1398733 OSAGE FARMS FRASEA MASTER.....*		13	7	5-32,33,	31	2.3	15,040	3.62	545	3	53	+23	.00	+1	+1
03-08-60 1175596 3917523 5-71				35,43,63	18		15,114	3.62	547						
1398789 FERNHAME GOLOEN FORTUNE.....		2	30	1-57	32	2.4	15,630	4.08	638	6	29	+409	+.09	+27	+33
01-02-61 1170426 3911525 5-71					5		14,251	3.85	549						
1398908 FLOWALT PETER.....		1	10	1-35	10	2.6	13,640	3.59	490	0	23	-106	-.02	-7	-9
10-29-60 1308217 4589826 5-71					26		14,133	3.74	528						
1398978 E 8 GRACE BUTTER BOY.....*		2	14	1-23	16	2.6	11,759	3.72	437	30	27	-330	-.02	-14	-20
10-11-60 1298430 3982006 5-71					21		12,869	3.81	490						
1399018 TRANFARM MIMI IOEAL LEAOER....*		15	20	7-11,13,	47	2.3	16,234	3.60	584	9	45	+409	-.01	+14	+22
10-15-60 1150470 3843667 5-71				14,16,55	19		15,482	3.61	559						
1399061 M V 8 A WALKER POLLY ART.....	41-01	40	1	3-41,45,	48	2.0	12,328	3.60	444	10	74	-768	+.02	-25	-41
12-19-60 1136905 3988198 5-71				46	20		13,301	3.58	476						
1399062 M V 8 A WALKER PRILLY LES.....	41-01	21	1	2-41,42	23	2.4	12,584	3.44	433	6	59	-473	-.05	-24	-32
12-26-60 1136905 4130741 5-71					13		13,321	3.55	473						
1399063 M V 8 A PROFILE ROYAL CHARLIE.	41-01	17	1	2-41,45	19	2.1	11,860	3.57	423	25	53	-854	-.01	-32	-49
12-13-60 1169417 3642985 5-71					20		13,411	3.60	483						
1399070 NICOLK ROYAL CHIEFTAIN OESIGN.		3	7	1-21	18	2.7	14,011	3.70	519	19	39	+114	+.04	+10	+11
11-17-60 1192713 3792538 5-71					22		13,690	3.59	491						
1399092 CHERRYBOLO POSCH SKYLINER.....*		8	24	5-35,51,	44	3.2	16,832	3.74	630	3	42	+380	+.05	+21	+27
01-25-61 1244845 3984902 5-71				52,57,74	16		16,153	3.64	588						
1399142 HARTZ STAR COMMANOER.....		1	14	1-43	14	3.1	11,386	3.86	439	17	25	-169	+.03	-2	-6
12-16-60 1203390 3633988 5-71					10		11,861	3.76	446						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF OAU /HO	STATES NO- WITH MOST OAUS	... OAUGHTERS AND HERDMATES ... OAUS HM/DAU	REC/OAU HEROMATE	MILK	% FAT	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1399143 SUNNYSIDE RAG APPLE LEADER....*		3	6	1-35	14	3.3	13,952	3.81	532	15	37	+89	.00	+3	+5
04-06-61 1351934 4510073 5-71					14		13,685	3.85	527						
1399171 ARLINDA F N OAK.....*	33-03	6	6	2-61,93	18	2.5	18,167	3.48	633	0	42	+114	-.06	-4	0
01-22-61 1283917 4458318 5-71					53		18,332	3.61	662						
1399193 MEADOW BROOK GLORIA GRAY.....		1	11	1-23	11	1.8	14,509	3.75	544	**	22	-86	+.03	+1	-1
10-13-60 1244845 2844995 9-70					3		15,014	3.64	546						
1399196 GREEN-EAST SAMSON.....*		5	5	2-13,21	20	2.9	14,971	3.47	520	0	46	-379	-.03	-18	-25
02-09-60 1264035 3579317 5-71					19		15,998	3.55	568						
1399197 GREEN-EAST ATLAS.....*		10	3	4-13,16,	20	2.6	17,860	3.58	639	15	52	+1,063	+.01	+40	+61
04-04-60 1264035 4227925 5-71				21,23	20		16,015	3.55	569						
1399207 CANAAN ACHILLES DON-TWIN.....		1	21	1-57	21	2.1	10,868	3.19	347	17	26	-488	-.05	-24	-33
12-12-60 1334052 4045899 5-71					1		12,657	3.48	440						
1399236 ARCHAMBAULT SHAMROCK.....		5	10	2-35,73	17	2.8	14,423	3.38	487	14	33	+190	-.07	-3	+2
07-24-60 1339135 3988562 5-71					18		13,842	3.59	497						
1399263 REINHARTS ROSE SKY TORRO.....*	35-75	14	9	6-21,23,	29	2.0	17,598	3.40	599	11	45	+663	-.07	+13	+28
03-02-61 1244845 4297898 5-71				32,33,41	34		16,370	3.53	578						
1399278 SNO-MARK PRINCE TRAVELER.....*		1	16	1-21	16	2.6	10,571	3.74	395	**	25	-349	+.03	-9	-17
10-16-60 1256338 4266880 5-71					22		11,732	3.66	429						
1399280 TYLER FARMS SUNBEAM KING.....*		5	34	2-12,16	43	2.5	14,894	3.81	567	14	33	-253	+.02	-6	-12
02-08-61 1063381 4389080 5-71					25		15,851	3.77	597						
1399283 MOWRY IVANHOE PRINCE.....*	35-75	37	40	14-21,23,	107	1.8	17,891	3.43	613	9	49	+637	-.05	+16	+30
11-15-60 1189870 2821916 5-71				35,41,55	30		16,885	3.49	589						
1399335 STUROY OAK GOVERNOR BUTTER BOY*		2	7	2-34,35	13	3.5	14,527	3.34	485	8	33	+146	-.10	-9	-4
09-10-60 1292438 2866787 1-71					12		14,104	3.65	515						
1399368 KNOLLSIDE CAPTAIN JESTO.....		1	15	1-41	15	3.0	16,961	3.72	631	7	26	+417	.00	+15	+23
12-25-60 1144239 3780462 5-71					16		15,534	3.73	580						
1399369 KNOLLSIDE COUNT SERGE.....*		15	11	3-35,41,	40	2.3	13,974	3.79	530	9	52	-144	+.02	-2	-5
03-30-61 1308419 3780461 5-71				73	12		14,289	3.78	540						
1399380 GRAY VIEW MOSE PRACTICIAN.....	35-21	136	4	12-35,41,	212	1.3	14,918	3.47	517	10	89	+396	-.18	-11	+1
06-22-60 1196645 4397184 5-71				42,43,47	17		14,532	3.67	534						
1399383 GRAY VIEW CRITERION CRAVEN....*		6	2	2-32,41	10	3.3	13,557	3.57	484	0	38	+22	-.03	-3	-2
08-23-60 1244844 4680793 5-71					17		13,450	3.67	494						
1399388 GRAY VIEW C PRE-EMINENT.....*		2	21	2-41,42	23	3.0	15,341	3.62	555	9	29	+164	+.04	+11	+13
06-25-60 1304384 4680791 5-71					9		14,875	3.49	519						
1399426 MONOGRAM IDEAL HILLMAC.....*		3	8	1-23	11	2.8	16,405	3.71	609	20	28	+304	+.05	+18	+23
03-07-61 1009371 4149404 5-71					13		15,478	3.56	551						
1399433 HAYSSEN BELLMASTER.....*		4	8	1-34	13	3.1	16,099	3.30	531	0	32	+532	-.14	-1	+13
03-15-61 1309948 3433051 5-71					16		14,491	3.73	541						
1399434 HAYSSEN PRINCE CHARLES.....		2	8	1-46	14	3.0	14,635	3.78	553	14	32	+141	.00	+5	+8
03-04-61 1303434 4286038 5-71					9		14,230	3.81	542						
1399437 AUTUMN HILL BESS BURKE LEADER.*		2	23	2-51,52	25	2.0	12,006	3.51	421	18	27	-243	.00	-9	-14
11-18-60 1150470 4336506 5-71					30		12,786	3.53	451						
1399459 BETTYLANE POSCH PRILLY VICTOR.*		1	22	1-21	22	2.5	16,137	3.47	560	11	27	+590	-.02	+19	+31
10-18-60 1213164 4549627 1-71					128		13,916	3.49	485						
1399480 WILDMOOR SEILING DUKE.....*		4	21	1-23	31	3.4	13,040	4.09	533	0	37	-251	+.09	+3	-4
03-06-61 1293580 4208074 5-71					20		13,695	3.85	527						
1399500 ZIMMERMAN STAR SENATOR-TWIN...*		5	24	2-57,65	36	2.4	13,593	3.69	502	14	35	+89	+.02	+6	+7
03-13-60 1307857 4228785 5-71					15		13,275	3.65	484						
1399501 ZIMMERMAN STAR SENOR-TWIN.....*		2	9	2-32,61	11	3.8	14,000	3.79	531	0	28	+19	+.05	+7	+6
03-13-60 1307857 4228785 5-71					11		13,929	3.65	508						
1399504 WOODSTREAM SOVEREIGN BURKE....*		3	14	2-23,31	21	2.0	13,538	3.45	467	18	31	+44	-.05	-6	-4
03-11-61 1210286 4414721 5-71					10		13,337	3.65	487						
1399540 MAN-O-WAR 8 F CRESCENT CHAMP..*		8	31	1-21	98	2.1	13,900	3.72	517	12	54	-617	+.05	-16	-29
01-01-61 1188731 2862902 5-71					40		15,172	3.64	553						
1399561 LARKSPUR ROYAL DUSTY MAOCAP...		1	10	1-42	10	2.1	15,474	3.60	557	0	22	+135	-.03	0	+4
12-16-60 1305460 3639102 5-71					2		14,955	3.78	565						
1399578 FASHION TRADEMARK.....*		6	13	3-48,73,	25	2.4	15,817	3.53	559	10	37	-225	+.01	-7	-12
09-02-59 1195221 3467453 5-71				74	18		16,703	3.52	588						
1399607 DIAMOND S MR COPIA VAR D.....*	35-75	18	29	10-23,35,	84	2.1	18,230	3.54	646	4	51	+1,119	-.02	+38	+61
08-04-60 1327405 4185809 5-71				41,71,93	97		16,255	3.56	578						
1399628 WALHOWOON VERNON M VENUS.....*	61-02	7	26	2-11,55	40	2.2	16,619	3.60	598	17	36	+374	-.07	+4	+13
12-14-60 1246708 2947794 5-71					33		15,745	3.79	596						
1399654 LONG HAVEN FAYNE KING WINTER..	61-02	71	3	2-34,54	123	1.2	15,979	3.71	593	15	83	+725	+.11	+42	+54
02-09-61 1232296 3654296 5-71					18		15,237	3.59	547						
1399718 WILDVALE COLANTHA TRIUMPH.....*		2	28	2-33,35	30	2.0	16,103	3.70	596	25	28	+169	+.01	+8	+11
03-22-61 1305814 3905737 5-71					7		15,659	3.67	574						
1399721 WILOVALE AGAIN TROJAN.....*		1	10	1-33	10	2.9	15,095	3.81	575	0	24	-90	+.02	0	-2
04-04-61 1210078 4466443 5-71					18		15,644	3.76	588						
1399729 WALLCROFT RAVEN BURKE IDEAL...*		8	2	5-43,48,	10	1.8	11,101	3.56	395	14	36	-1,020	+.06	-29	-51
03-31-61 1113350 4366272 5-71				71,73,74	11		13,963	3.41	476						
1399736 GRAHAVEN PERFECTION.....*		2	8	2-34,57	10	1.8	14,109	3.59	507	44	22	-154	+.02	-3	-6
01-17-61 1492073 011276491 1-71					17		14,913	3.55	530						
1399737 MAPLE PEEL LOOGE RENOWN.....*	63-03	12	2	3-61,63,	17	2.2	13,895	3.47	482	0	49	+271	-.05	+2	+9
10-30-60 010218036 011305607 5-71				65	14		13,274	3.59	476						
1399758 TIFFIN POSCH SIR GEORGE.....*		4	25	1-31	32	2.9	13,236	3.66	484	13	33	-205	+.02	-5	-9
11-30-60 1033434 4233845 5-71					30		13,847	3.63	503						
1399763 RAG APPLE LODESTAR MAGIC.....*		7	7	3-33,35,	24	2.7	12,884	3.68	474	13	46	-52	+.01	0	-1
05-19-60 010239301 010912253 5-71				41	10		12,896	3.67	473						
1399774 CARNATION ROYAL PAY UP.....*		11	1	3-35,41,	12	2.5	12,247	3.80	465	10	44	-500	+.05	-11	-22
01-13-61 1305460 4291803 5-71				46	14		13,316	3.69	492						
1399779 CARNATION ROYAL PARADER.....*		12	6	3-41,42,	31	1.9	14,074	3.71	522	11	52	-25	.00	-1	-1
03-12-61 1305460 3577786 5-71				61	23		14,144	3.74	529						
1399788 BROCKEL GALLANT RENOWN.....		1	27	1-45	27	1.0	14,425	3.48	502	**	22	-98	+.04	+2	-1
01-11-61 1330315 4313266 5-71					5		14,982	3.29	493						

REGISTRATION NUMBER / NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	%	FAT	%	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1399824 HILLTOP APOLLO IVANHOE.....*	23-09	621	4	16-23,50,	1,326	1.6	15,677	3.76	590	9	98	+915	+.03	+38	+55
11-26-60 1189870 4412249 5-71				51,52,93	20		14,834	3.75	557						
1399840 S & S TRITOMIA PRIDE CYCLONE..*		2	29	1-32	31	3.8	12,974	3.48	451	8	31	-295	.00	-10	-16
02-04-60 1337307 4174919 5-71					23		13,928	3.49	486						
1399844 ALSFARM OIVIDENO NERO.....*		16	7	5-21,23,	35	2.0	14,826	3.57	529	36	53	-60	+.02	0	-2
04-03-61 010257174 4637633 5-71				32,51,86	24		15,052	3.54	533						
1399845 WOLVERINE FOBES MAESTRO.....*		4	17	1-32	24	2.3	14,240	3.72	530	21	32	+25	-.01	0	+1
02-24-61 1368018 4286378 5-71					20		14,185	3.76	534						
1399850 UTAG IVANHOE ROSE BENEDICT....	99-01	116	4	7-21,35,	265	1.6	15,332	3.65	560	8	91	+401	+.12	+32	+37
10-21-60 1189870 4342635 5-71				82,87,93	27		14,998	3.51	527						
1399856 COUNCIL ROCK ILEX ALERT.....*		5	3	2-21,34	11	2.6	15,152	3.85	583	11	38	-56	+.09	+10	+7
01-16-61 1213164 4013629 5-71					38		15,452	3.64	562						
1399913 LANINGDALE SUPREME REMUS-TWIN.*		7	2	3-23,31,	10	2.5	12,123	3.65	443	33	37	-546	+.01	-18	-29
09-05-60 1382768 011310267 5-71				57	26		13,547	3.65	494						
1399927 PRILLY BURKE VEEMAN.....	63-01	27	2	2-52,63	41	1.8	13,773	3.58	493	4	69	-56	-.05	-9	-9
04-08-61 1338592 3561061 5-71					16		13,847	3.67	508						
1399928 REDFIELD CREATION PIETJE BOY..*		2	14	1-45	20	2.1	13,368	3.52	470	0	31	-214	+.01	-7	-11
02-26-61 1280015 3995563 5-71					7		14,074	3.52	495						
1399937 SEVEN STARS REFLECTOR.....*		1	11	1-23	11	2.6	12,752	3.75	478	9	24	-78	+.01	-1	-3
05-09-60 1298430 4557812 5-71					15		12,994	3.74	486						
1399945 MINALOO TRIUNE TRIUMPH.....*	21-10	53	1	2-13,21	55	2.8	14,289	3.67	524	11	79	-473	+.09	-5	-16
02-25-61 923749 3610458 5-71					19		14,992	3.57	535						
1399950 SKOKIE DUKE POSCH.....*		10	4	3-32,35,	17	1.9	12,819	3.50	449	33	42	-702	-.09	-37	-49
03-10-61 1288610 3999942 5-71				73	14		14,549	3.73	543						
1399951 SKOKIE NACHES DUKE.....*		3	32	3-73,74,	49	2.0	14,464	3.64	526	2	36	+284	+.01	+12	+17
03-31-61 1288610 4581461 5-71				85	17		13,635	3.59	490						
1399955 COOS PABST HOMESTEAD CYCLONE..*		1	14	1-12	14	2.2	14,154	4.10	580	0	24	-135	+.04	0	-4
03-14-61 1300091 4547113 5-71					22		14,815	3.96	587						
1400019 OE KOL SKYLINER.....*		1	10	1-21	10	3.0	13,397	3.56	477	11	24	+9	+.02	+3	+3
04-07-61 1244845 4715356 1-71					16		13,294	3.46	460						
1400033 BIG ROCK MASTER TRIUNE.....*		5	13	2-21,23	20	2.0	13,214	3.48	460	**	31	-243	+.03	-5	-10
02-25-61 1305460 4460052 5-71					28		14,003	3.39	475						
1400084 MAPLE HILL PABST DUKE-TWIN....*		3	12	1-51	17	2.5	12,058	3.86	465	**	31	-30	+.06	+7	+5
11-24-60 1333641 3660871 5-71					16		11,959	3.64	435						
1400089 SOUTHWIND COUNT SUEZ.....*		2	29	1-74	31	2.0	13,105	3.35	439	11	27	-323	.00	-11	-18
11-02-60 1229322 3299031 5-71					34		14,331	3.36	482						
1400174 VISTA PEAKS BIROIE BURKE GOV..		4	44	2-31,84	52	2.1	14,340	3.44	494	4	31	+182	+.01	+8	+11
05-09-60 1038509 4034915 5-71					24		13,731	3.38	464						
1400206 STRATTON GRACIOUS ARISTOCRAT..*		4	6	1-84	15	2.9	15,214	3.31	503	0	39	+46	-.06	-7	-5
12-29-60 1124780 4472352 5-71					19		15,223	3.46	527						
1400224 TROUT CREEK FOREMAN.....	87-01	63	2	6-41,45,	85	2.1	13,680	3.49	478	19	83	-519	-.06	-27	-36
08-20-60 1195312 2804854 5-71				47,82,87	18		14,348	3.58	513						
1400228 COLO SPRING JUNIOR LEADER.....		1	12	1-35	12	3.3	15,533	3.58	556	8	25	-93	+.01	-2	-4
11-03-60 1323293 4021294 5-71					13		16,124	3.57	575						
1400232 LEOHOST MUTUAL HOPE LOPER.....*		2	21	2-35,48	23	2.2	15,024	3.49	525	19	27	-128	-.02	-8	-10
04-27-59 1313072 4302707 5-71					14		15,670	3.61	566						
1400237 MAPLE PASS CARNATION SKY OARKY		1	27	1-43	27	1.9	14,929	3.57	533	13	26	-252	.00	-9	-14
03-26-61 1301864 4223264 5-71					16		16,126	3.58	578						
1400256 CRESTON KING PETER.....*		5	7	1-34	13	2.6	16,586	3.47	575	8	33	+604	-.06	+13	+26
01-22-61 1276048 3355383 5-71					12		14,865	3.63	540						
1400258 SIR GRAND SKY LINER.....*		4	6	1-23	19	2.5	16,364	3.63	594	**	43	+354	-.01	+12	+19
08-14-60 1244845 4451779 5-71					20		15,713	3.65	573						
1400275 LYON BROOK T N CAPPER.....*		4	21	1-23	38	3.2	14,094	3.85	542	0	41	-34	+.04	+4	+2
05-03-60 1264035 4182218 5-71					18		14,205	3.77	535						
1400283 REFLECTION RICH-HERO CHIEF....*		8	6	3-81,82,	19	3.2	13,911	3.56	495	0	44	-425	+.03	-11	-20
11-04-59 1350558 4681240 5-71				87	11		14,987	3.50	524						
1400284 RICH-HERO TEXAL ACME.....		2	10	1-86	12	1.3	18,093	3.45	624	11	22	+299	-.03	+7	+14
08-24-60 1150470 4229876 5-71					6		17,023	3.53	601						
1400296 HIV-LAN MARY GOLDEN JOB.....*		8	8	2-32,57	25	2.2	15,893	3.63	577	10	45	+237	+.01	+10	+14
11-08-60 1339425 4466139 5-71					10		15,523	3.61	560						
1400347 MAN-O-WAR B F CRESCENT BARTHOL	42-02	21	2	2-42,73	26	2.4	14,047	3.57	502	33	61	+306	-.03	+7	+14
10-28-60 1188731 3582827 5-71					13		13,500	3.63	490						
1400379 LAKELAND PIOON PRINCE.....		1	12	1-35	12	3.2	12,101	4.07	492	9	25	-369	+.10	0	-10
12-02-60 1198696 4826955 5-71					10		13,573	3.64	494						
1400388 EMPIRE BURKGOV LEADER.....*		2	31	1-21	33	3.0	15,297	3.38	517	7	30	+236	-.05	+2	+8
10-29-60 1038509 4298079 5-71					15		14,581	3.51	512						
1400398 EASIDE ELEANOR ABE CREATION...*		2	6	1-21	11	3.4	14,673	3.46	508	0	32	-54	-.02	-5	-6
01-18-61 1274684 4309078 5-71					23		14,944	3.53	528						
1400470 WALLACE ADA BURKGOV.....*		6	21	1-21	33	2.3	14,649	3.47	509	23	36	-247	-.03	-13	-17
05-05-60 1038509 3781649 5-71					25		15,498	3.57	554						
1400575 GLENAFTON CLARION.....	35-03	96	4	10-23,33,	182	2.0	15,618	3.52	549	12	89	+910	-.18	+6	+29
05-18-60 010249530 011116870 5-71				35,41,93	44		14,668	3.73	547						
1400605 THOMPSON OAKS WALLIE QUEEN....*		8	5	3-51,52,	19	2.3	14,528	3.69	536	6	44	+248	+.03	+13	+17
02-06-61 1190632 4259672 5-71				54	19		13,960	3.63	507						
1400615 ROUND OAK IVANHOE EXODUS.....*		6	10	1-52	20	2.5	14,349	3.74	537	21	36	+21	-.02	-2	-1
11-09-60 1189870 3114641 5-71					30		14,328	3.84	550						
1400618 ROUND OAK IVANHOE EXEMPLAR....*		3	7	1-52	17	1.5	15,267	3.75	573	7	34	+6	+.06	+8	+7
02-24-61 1189870 3757943 5-71					11		15,395	3.60	554						
1400635 ANDREAS SUPREME CAVALIER.....*		1	13	1-31	13	3.2	14,620	3.52	514	8	25	+259	.00	+10	+15
12-05-60 1302167 4407884 9-70					10		13,561	3.48	472						
1400657 TRANQUILLITY T B PABST.....*		3	6	1-22	14	3.4	15,874	3.92	623	9	37	-50	+.11	+14	+10
12-26-60 1311974 4398860 5-71					30		16,244	3.66	594						
1400686 TIDY BURKE CULMINATION.....*	33-03	434	3	38-21,23,	676	1.8	14,400	3.41	491	15	97	-32	-.19	-27	-23
11-18-59 1329249 2948519 5-71				35,41,48	22		14,489	3.60	522						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER DF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1400703 SCHONHOFF GLORY JERRY.....*		9	6	2-43,61	26	2.5	12,990	3.36	436		0	51	-88	-.04	-9	-10
02-06-61 1138441 3419739 5-71					20		13,078	3.44	450							
1400708 KKK SKY KING.....*		6	54	3-43,48,	72	2.3	15,257	3.40	518		11	35	+167	-.03	+2	+6
11-09-60 1244845 4589102 5-71				71	27		14,872	3.44	512							
1400732 PAWNEE FARM SUPREME BLAZE.....*		12	22	4-41,46,	48	1.7	13,285	3.74	497		19	42	-510	+.03	-15	-26
01-19-61 1347065 4546976 5-71				47,48	12		14,577	3.70	540							
1400758 SUNNYCREST SKYLINER GEM BOY...*		2	8	1-42	16	2.4	14,045	3.57	502		0	35	-335	+.03	-8	-15
01-09-61 1244845 4407770 5-71					12		15,134	3.51	531							
1400761 JOYWYN LOUIE OLIVER SKYBOY....*		1	16	1-35	16	2.7	11,444	3.61	413		0	26	-30	+.02	+2	+1
11-12-60 1242667 4385131 5-71					4		11,298	3.49	394							
1400810 MATHEWSFIELD RESOUNO AIM.....*		12	1	4-13,16,	15	1.7	13,584	3.58	486		9	45	-659	+.02	-21	-35
11-19-60 1253588 4029383 5-71				21,23	20		15,160	3.55	538							
1400827 OAKTON SOV ORMSBY-TWIN.....*		2	35	1-52	39	2.5	11,471	3.44	395		0	30	-144	+.03	-1	-5
03-13-60 1070845 2891885 5-71					65		11,726	3.34	392							
1400858 MILLER DAIRY CEORIC PRIDE.....		1	10	1-74	10	1.5	16,630	3.38	562		0	20	+316	-.02	+8	+15
03-14-59 1001748 3095442 9-70					6		15,135	3.48	526							
1400930 IDEOGRAPH IDEAL BURKE.....*		8	30	3-81,82,	46	2.7	15,052	3.19	480		9	38	-65	-.06	-11	-11
11-23-60 1150470 3301408 5-71				87	16		15,369	3.34	514							
1400934 B O I HECTOR ADANA.....*		4	26	1-52	36	2.2	14,035	3.46	485		18	34	-284	-.01	-12	-17
04-04-61 1174118 4373322 5-71					82		14,982	3.50	525							
1400956 SOUTHWIND CRESCENT ADMIRAL....*		2	20	1-74	24	2.7	12,265	3.19	391		15	30	-465	-.04	-22	-30
11-03-60 1229322 3168170 5-71					24		13,800	3.35	462							
1400970 PAUL ABBEKERK PROUD PILDT RUSS*		1	10	1-23	10	2.6	12,618	3.71	468		13	23	-240	+.06	0	-6
02-23-61 1240095 3929345 1-71					6		13,652	3.45	471							
1400979 KDL COXS ARISTOCRAT.....*		6	28	1-74	41	2.3	15,689	3.48	546		24	34	+150	-.01	+4	+7
07-14-60 1124780 4068746 5-71					18		15,398	3.49	537							
1400997 OAKWOODCREST SUPREME KORNOYKE.*		3	11	1-51	23	1.9	11,622	3.99	464		0	36	-307	+.04	-5	-12
10-17-60 1216873 4372406 1-71					16		12,313	3.89	479							
1400999 PENSTATE AOA IVANHOE.....*		3	43	1-21	50	2.5	13,153	3.90	513		17	32	+72	+.07	+12	+12
01-09-61 1189870 3794679 5-71					33		12,815	3.68	472							
1401057 WINNEBAGO AJAX DANIEL.....*		8	16	1-35	44	2.9	12,785	3.99	510		15	50	-530	+.14	-1	-15
11-24-60 1276310 3184553 5-71					32		13,840	3.73	516							
1401091 CHEROKEE HOMESTEAD VALE.....*		7	3	1-42	13	1.6	14,001	3.40	476		50	36	+232	-.05	+1	+7
01-17-61 1294728 4285905 5-71					14		13,292	3.53	469							
1401107 CROSS ACRES ADMIRAL DUKE.....		1	20	1-16	20	2.6	13,958	3.84	536		32	26	-90	+.02	0	-2
12-17-60 1308429 4239879 5-71					9		14,353	3.77	541							
1401112 HILLSIDE SUPERIOR.....*		10	11	2-23,51	29	2.8	19,495	3.62	706		5	46	+1,322	-.03	+43	+70
10-10-60 1298430 3846713 5-71					27		16,883	3.70	624							
1401152 PINKY BURKE IDEAL.....*		4	18	1-52	25	2.4	15,860	3.45	547		0	32	-164	-.02	-9	-12
01-08-61 1113350 4184065 5-71					20		16,640	3.52	585							
1401175 WYLAMYNA ELMBROOK LEADER-TWIN.		1	11	1-42	11	2.2	15,585	3.46	540		**	22	+193	+.01	+8	+12
11-19-60 1356009 4607425 1-71					11		14,812	3.39	502							
1401187 MCKIM FARM LEADER BILLY.....*		4	22	1-34	28	2.4	13,132	3.51	461		12	31	-80	-.02	-6	-7
11-16-59 1216957 4216369 5-71					7		13,332	3.61	481							
1401205 EDGEWOOD HALL BENEFACTOR.....*		4	7	2-87,93	17	2.8	16,893	3.37	570		13	39	+228	-.07	-2	+4
10-08-60 1199324 3944182 5-71					15		16,577	3.53	585							
1401244 BARRETT RANCH BLUE IVANHOE....*		2	17	2-11,13	19	3.7	14,979	3.53	529		5	30	-95	.00	-4	-6
04-29-61 1189870 4406634 5-71					26		15,446	3.55	549							
1401250 NAPSTAHOS BRUCE ARGYLE DE KOL.*		3	7	1-93	16	2.3	18,404	3.30	608		9	36	+789	-.14	+8	+27
01-06-61 1324830 4295664 5-71					78		16,436	3.63	596							
1401255 ARCON MERRIMAC MAYTAG.....*		3	11	1-93	22	2.6	14,936	3.39	507		0	38	-60	-.05	-9	-9
12-07-60 1350463 3977474 5-71					18		15,227	3.53	537							
1401261 TEE-GEE SKYLINER WORTHY JOE...		2	11	1-21	14	2.0	17,204	3.69	635		0	27	+647	-.01	+22	+35
02-08-61 1244845 4949094 5-71					18		14,925	3.74	558							
1401278 AURORA HILLS FONO HOPE REFLECT		1	24	1-55	24	2.4	13,173	3.39	447		13	27	-279	-.01	-11	-16
03-30-61 1332076 4287012 5-71					14		14,251	3.43	489							
1401286 INGLESIDE LADDIE VICOROY.....*		4	6	1-52	18	3.0	14,688	3.57	524		0	42	+80	+.02	+5	+6
07-30-60 1320306 4216022 5-71					58		14,557	3.52	513							
1401385 KIRBYDALE DEAN BURKGOV MIKE...*	21-10	138	2	5-13,16,	171	2.0	15,403	3.55	547		16	91	-19	-.03	-5	-5
11-05-60 1038509 4782001 5-71				21,22,23	23		15,590	3.59	559							
1401399 NOMAD TOGI FANYAN.....*		6	4	2-13,23	15	2.8	14,076	3.60	507		17	43	-11	+.05	+6	+5
12-16-60 1181029 3996797 1-71					21		14,122	3.48	492							
1401433 MIDLAND ARISTO MAX.....		2	7	1-93	10	1.7	16,077	3.61	581		22	25	-202	+.03	-3	-8
03-25-61 1267468 3801293 5-71					67		17,221	3.53	608							
1401443 BIROSEYE RIPPER RAG APPLE.....*		1	15	1-35	15	3.6	12,086	3.57	432		0	27	-111	+.01	-2	-5
02-26-61 1211183 4012510 5-71					11		12,336	3.54	437							
1401461 DUEHOLM RIVER VALLEY BURKE....*		4	8	2-23,35	13	2.4	15,707	3.29	516		0	30	+441	-.10	+1	+12
03-31-61 1283313 4563934 5-71					9		14,276	3.61	515							
1401486 BROOK GLEN MAGICIAN.....*		4	5	1-31	15	1.9	13,611	3.37	459		25	38	-302	-.07	-21	-25
04-17-61 1138451 4168981 5-71					13		14,460	3.59	519							
1401494 METCALFS SOVEREIGN DANNY BOY..*		3	6	2-12,13	11	2.7	14,753	3.80	561		0	31	-201	+.01	-6	-10
11-29-60 1298430 4324456 5-71					20		15,569	3.80	591							
1401503 FERNDALE PRINCE TOPPER.....*		7	9	2-23,52	24	2.2	14,235	3.56	507		5	41	-711	-.05	-32	-45
03-05-61 1362756 4151232 5-71					23		16,206	3.68	597							
1401529 BON-TE BAST ROAM.....		2	6	1-47	10	2.7	14,349	3.47	498		14	28	-207	-.03	-12	-15
11-26-59 1143527 4113404 5-71					14		15,226	3.60	548							
1401537 MAN-O-WAR 8 F CRESCENT ROYAL..*		2	13	1-35	17	2.1	14,438	3.51	507		24	27	-21	-.04	-7	-6
01-14-61 1188731 3774697 5-71					15		14,581	3.72	542							
1401539 BESSIE 8 F TRIUNE RETURN.....*		13	9	3-48,71,	32	2.1	14,527	3.50	509		12	49	+76	+.07	+13	+13
03-21-61 1326679 4323925 5-71				73	21		14,419	3.33	480							
1401540 GYPSIE 8 F ROYAL LANCER.....*	35-05	30	3	4-33,35,	50	2.7	13,663	3.61	493		19	73	-507	-.02	-21	-31
01-14-61 1269047 3342774 5-71				41,56	18		14,402	3.65	525							
1401550 KENNEDY CAPTAIN BURKE MODEL...*		1	14	1-31	14	3.0	12,466	3.40	424		0	26	-133	-.02	-7	-9
12-29-60 1144239 4799707 5-71					17		12,877	3.49	450							

REGISTRATION NUMBER / NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	DAUGHTERS AND HERDMATES DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1401552 LEA INN PROFILE REGAL JO.....*		8	3	2-33,42	18	1.9	10,463	3.43	359	**	47	-1,232	+.04	-39	-64
02-14-61 1361460 3357686 5-71					8		12,998	3.36	437						
1401554 LEA INN PROFILE REGAL LAD.....*		5	6	1-42	16	2.4	14,211	3.54	503	0	38	-86	+.02	0	-2
05-08-61 1361460 3680914 5-71					4		14,494	3.48	505						
1401559 CHRISTIM 8URKGOV REWARD-TWIN..*		5	23	1-21	54	2.1	17,354	3.38	586	8	46	+534	-.10	+5	+18
12-08-60 1038509 3497717 5-71					27		16,438	3.55	583						
1401566 WINTERTHUR IVANHOE IKE PRIOE..*		3	14	1-14	23	2.6	16,703	3.77	630	27	35	+162	+.02	+9	+12
11-22-60 1189870 4411745 5-71					5		16,493	3.73	615						
1401587 GREEN MEADOW OLYMPIC SAM-TWIN.*		2	8	1-34	10	2.3	11,345	3.50	397	30	24	-206	.00	-7	-11
02-01-61 1324142 3950412 5-71					56		12,033	3.52	424						
1401691 MARDIC SKYANOY.....*		15	4	1-34	30	2.7	14,164	3.64	515	5	60	+172	+.03	+10	+13
12-08-60 1244845 3270593 5-71					28		13,870	3.59	498						
1401694 PINEHURST AOMIRAL EARL.....*		7	11	1-42	27	3.2	16,095	3.28	528	0	45	+169	-.08	-5	0
01-01-61 1286826 3509763 5-71					9		15,913	3.43	546						
1401695 PINEHURST SUPREME TRUST.....*		6	20	3-23,35,	31	2.8	15,020	3.66	550	8	36	+255	-.04	+3	+9
10-16-60 1259039 4326231 5-71				51	35		14,344	3.80	545						
1401698 PINEHURST AOMIRAL 8LENO.....*		8	8	2-35,74	23	1.6	13,469	3.31	446	33	40	-36	-.12	-18	-16
01-19-61 1150470 4037832 5-71					19		13,518	3.65	493						
1401742 S R F REGAL AOMIRATION.....*		6	8	1-35	28	3.3	14,879	3.60	535	8	51	-58	-.01	-4	-5
01-04-61 1358647 3782832 5-71					14		15,113	3.64	550						
1401767 NORWOOO GRAND OVATION.....*		1	10	1-42	10	1.4	14,527	3.52	511	56	19	-99	-.02	-7	-8
04-11-61 1239208 4113644 5-71					6		15,169	3.67	556						
1401778 HOWACRES IVANHOE SOL.....*		6	18	3-13,14,	33	2.2	12,890	3.95	509	5	37	-262	+.05	-3	-9
02-17-61 1189870 4164124 5-71				21	19		13,555	3.86	523						
1401835 JUM8O AAGGIE BURKE.....*		1	15	1-48	15	3.1	13,307	3.89	518	0	26	+37	+.02	+4	+4
08-12-59 1210066 3218592 5-71					22		13,078	3.85	503						
1401863 FARMCREST OUNLOGGIN COMET.....*		5	2	1-93	11	2.0	19,094	3.64	695	**	37	+735	+.04	+32	+46
01-16-61 1311794 3853450 5-71					82		17,453	3.55	620						
1401962 8AINRIOGE NOEL SUPREME.....*		3	8	1-21	11	1.7	12,472	3.50	436	14	25	+85	-.01	+1	+3
01-04-61 1315498 3768878 5-71					13		11,936	3.56	425						
1402019 8URMA 8URKE SKYLINER.....*		4	16	1-41	23	2.7	13,306	3.80	506	11	33	-254	+.07	+1	-6
03-19-61 1244845 4151114 5-71					17		14,099	3.57	504						
1402026 HALLCREST OESIGNER.....*		1	38	1-23	38	2.9	14,296	3.69	527	7	29	-54	+.02	+1	-1
01-29-61 1364520 2681572 5-71					18		14,545	3.62	526						
1402030 HARDY FARMS MILDRED PRIDE.....*		3	13	1-87	28	2.0	13,093	3.41	446	14	38	-175	-.05	-13	-15
07-10-60 1150469 3186316 5-71					8		13,510	3.56	481						
1402036 GREEN OOWNS SNOKES STANOARO...*		1	13	1-61	13	3.0	13,528	3.39	459	**	25	+110	-.01	+2	+5
06-15-59 1237270 3566177 5-71					69		12,997	3.43	446						
1402100 MALLARY ALLIANCE.....*		5	40	2-21,23	48	1.8	13,934	3.66	510	33	30	-80	-.01	-4	-5
12-30-60 1343087 3378185 5-71					25		14,233	3.72	530						
1402113 GLENAFTON RAG APPLE OYNAMIC...*	35-21	233	4	11-35,41,	401	1.2	13,608	3.66	498	18	93	-819	-.03	-33	-49
07-12-60 010249530 010622770 1-71				42,43,47	17		14,546	3.70	538						
1402118 POSCH SOVEREIGN IVANHOE.....*	23-09	340	3	10-23,50,	650	1.3	15,108	3.68	556	8	96	+438	-.07	+6	+16
01-06-61 1189870 4911237 1-71				51,52,73	20		14,733	3.77	555						
1402122 8O-LAN LEAOER MO.....		5	10	1-48	32	2.3	13,400	3.48	466	20	47	-7	-.01	-1	-1
06-05-59 1188528 3194883 5-71					19		13,358	3.50	467						
1402163 REIMERIOGE FOREMOST GOLDEN8OY.*		9	11	3-16,21,	45	2.7	15,894	3.56	566	14	56	+350	-.07	+2	+11
03-16-61 1170426 4270482 5-71				42	26		15,421	3.70	570						
1402179 RUSSINWOOO APOLLO.....*		1	25	1-57	25	1.8	13,807	3.72	514	0	25	+90	+.01	+5	+6
05-08-61 1244845 4442602 5-71					56		13,392	3.67	491						
1402188 ROYAL REVELATION VICTORY.....		3	7	2-23,42	10	1.7	14,337	3.65	523	40	24	+123	.00	+5	+7
12-17-60 1197317 4602066 5-71					8		13,811	3.63	501						
1402207 KANAWAKA TRI BURKGOV OANOY....*		11	11	2-43,48	28	2.2	15,554	3.65	567	12	43	+333	+.09	+25	+29
12-12-60 1038509 4238032 5-71					12		14,871	3.42	509						
1402218 NORTH CAROLINA TIDY KENNETH...	55-01	8	5	1-55	26	2.2	17,693	3.50	620	20	51	+600	-.09	+8	+22
11-25-60 1287023 3821462 5-71					43		16,811	3.66	615						
1402243 DISTINCTION PILOT IOEAL.....*		3	12	1-35	21	2.4	12,223	3.62	442	25	35	-473	+.01	-16	-26
04-03-61 1175596 4307904 5-71					11		13,550	3.62	491						
1402262 CAVALIER SKYLINER.....*		5	10	2-21,23	19	2.2	10,929	3.50	382	**	36	-622	-.03	-26	-38
09-30-60 1244845 4143848 5-71					13		12,545	3.61	453						
1402283 SUNNY 8ROOK ACE WINTER PA8ST..*		2	16	1-34	20	3.3	13,401	3.47	465	18	31	+189	-.03	+2	+7
03-09-61 1232296 4363210 5-71					11		12,655	3.60	455						
1402296 WOOOMASTER REGAL FO8ES.....		1	10	1-32	10	2.7	12,892	3.74	482	29	22	-205	+.04	-2	-7
08-10-60 1272941 3835818 9-70					7		13,815	3.59	496						
1402308 GRAY VIEW C CLARION.....*		6	15	3-35,42,	38	2.2	10,748	3.66	393	17	44	-808	+.02	-27	-43
09-02-60 1304384 4680792 5-71				46	18		12,436	3.63	451						
1402361 CAFFEE VALE POLLY LAO.....*		1	17	1-32	17	3.2	16,344	3.59	587	0	27	+242	+.02	+12	+16
02-07-61 1244845 3690202 5-71					9		15,624	3.51	549						
1402390 UNEEOA LUCIFER CREATOR.....*		2	7	1-32	11	3.0	12,248	3.61	442	25	30	-153	.00	-6	-9
04-10-61 1304048 4608936 5-71					6		12,633	3.64	460						
1402477 8LUEGILL REFLECTOR FLAME.....*		21	3	5-21,23,	41	1.7	13,581	3.73	506	20	64	-562	+.11	-6	-20
12-31-60 1298430 3935326 5-71				32,51,56	21		14,519	3.57	519						
1402525 RITACLIFF THOR WILLOWDALE.....		2	8	2-45,82	10	2.4	15,330	3.67	562	**	25	-193	+.04	-1	-6
02-14-61 1258673 3800020 5-71					15		16,342	3.54	578						
1402556 FARMSTEAD CAPTAIN.....*		2	20	1-34	22	2.6	15,048	3.34	502	5	29	+16	-.05	-6	-5
01-20-61 1144239 3778008 5-71					30		15,110	3.51	530						
1402574 SISSON FARMS OELLA SKYROCKET..*		6	23	1-56	43	2.7	15,251	3.49	532	18	41	+84	-.03	-1	+1
09-16-60 1244845 3744295 5-71					15		15,167	3.56	540						
1402593 S V F PACLAMAR KING LEA.....*		7	23	1-84	35	1.7	13,692	3.48	477	**	33	+91	-.02	+1	+3
02-16-61 1244845 4024980 5-71					82		13,358	3.53	471						
1402594 S V F PACLAMAR GENERAL.....*		13	4	2-84,87	31	2.0	15,467	3.39	525	8	57	+245	-.06	0	+6
03-03-61 1244845 4497714 5-71					17		15,162	3.48	528						
1402599 VISTA PEAKS PAC SENATOR.....*	33-03	136	2	26-21,23,	189	1.9	13,263	3.63	481	14	91	-1,091	+.03	-36	-58
05-02-61 1252985 3362555 5-71				35,42,93	20		14,516	3.61	524						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1402755 OUR COMMANDO.....*		11	3	6-13,32,	19	2.3	13,428	3.77	506	23	50	-583	+.01	-20	-32
11-18-60 1244844 4323166 5-71				33,34,35	35		14,671	3.78	554						
1402760 GRAY VIEW CREATOR SKYKING.....*		4	28	1-35	34	2.5	14,921	3.80	567	19	32	+121	+.05	+11	+12
02-04-61 1198696 4056518 5-71					22		14,604	3.67	536						
1402761 GRAY VIEW X NANKING.....	91-11	82	3	9-41,42,	130	1.9	13,084	3.66	479	18	87	-524	+.06	-11	-23
12-14-60 1378594 4741146 5-71				46,47,73	12		13,662	3.60	492						
1402763 GRAY VIEW SKY BOLT.....*	35-05	3	10	3-35,41,	14	3.2	15,591	3.77	588	7	29	-24	+.06	+8	+6
11-25-60 1244845 4156554 1-71				71	15		15,870	3.57	566						
1402764 GRAY VIEW SKY SATIN.....*		15	23	3-33,41,	145	2.0	13,690	3.69	505	7	68	+12	+.04	+6	+5
11-28-60 1244845 4156547 5-71				45	16		13,643	3.64	496						
1402799 ROSAFE MAGICIAN RENOWN BUDDY..*		3	25	1-31	31	2.8	14,136	3.59	508	14	32	-417	-.02	-18	-26
03-13-60 1138451 4620022 5-71					10		15,608	3.69	576						
1402822 COCHRAN MASTER GENERAL.....*		4	23	1-21	32	2.1	12,198	3.47	423	18	33	+123	-.04	-1	+2
03-03-61 1331781 4495704 5-71					8		11,594	3.62	420						
1402834 TROUT SPRING HOE BEETS BILL...*		4	6	1-23	11	2.4	14,572	3.79	552	10	29	-21	.00	-1	-1
04-24-61 1189870 3765470 1-71					17		14,727	3.85	567						
1402840 CLARK HAVEN INVINCIBLE DIAMOND		1	16	1-11	16	1.5	12,642	3.69	467	19	22	-55	+.02	+1	-1
06-20-59 1056882 3787975 1-71					3		12,782	3.60	460						
1402864 B D I PRINCE OLAF.....*		12	6	2-51,52	34	1.7	13,903	3.68	512	36	55	-420	+.05	-8	-18
03-13-61 1121706 3507145 5-71					39		14,754	3.61	532						
1402867 COOPERFIELD DAWN ALICE.....*		1	10	1-51	10	2.7	13,660	4.36	596	40	23	-209	+.05	0	-5
02-11-60 1038118 4268419 5-71					47		14,658	4.13	606						
1402904 NESHONOC INKA PATSY.....		5	22	1-35	34	2.1	12,882	3.42	440	0	35	-201	-.09	-19	-21
03-07-61 1298430 5124094 5-71					14		13,403	3.69	495						
1402935 ELM ST ROMEO ROAMER.....*		3	27	1-35	33	2.6	13,446	3.62	487	6	32	+7	-.02	-3	-2
01-02-61 1166105 4813504 5-71					8		13,365	3.74	500						
1402946 DIBBLE CRUSADER ALERT.....*		9	9	6-16,33,	33	2.0	14,463	3.64	527	8	48	+61	+.01	+3	+4
01-28-61 1014925 4286133 5-71				35,43,63	19		14,381	3.64	523						
1403060 REGAL PABST BOLD.....		1	25	1-34	25	2.6	14,450	3.66	529	23	27	-242	+.02	-6	-11
12-06-60 981361 4187102 5-71					31		15,497	3.62	561						
1403067 MATGENIE CARNATION FRASEA-TWIN*		6	4	2-91,92	11	1.8	15,057	3.83	576	0	32	+355	+.05	+20	+26
04-12-61 1307195 3819042 5-71					24		13,963	3.70	516						
1403074 HEERSCHE OKLASTAPEN HOPE.....*		3	33	2-73,74	37	3.0	14,399	3.68	530	18	32	-187	+.06	+1	-4
05-29-60 1243697 3558019 5-71					47		15,113	3.50	529						
1403096 ROCKCREST CAPTAIN BART.....*		7	3	1-42	13	3.2	14,155	3.46	490	27	42	+170	-.06	-2	+3
06-01-61 1144239 4062754 5-71					17		13,726	3.62	497						
1403100 SANDSDALE ROCKET MASTERPIECE..*		20	1	9-21,22,	22	1.6	13,251	3.61	479	**	55	-232	+.01	-7	-12
12-02-60 010245456 2800577 5-71				34,57,63	74		13,643	3.61	492						
1403112 SKAGVALE MADCAP MAJESTY-TWIN..		1	22	1-91	22	2.6	15,184	3.41	518	22	27	+11	-.04	-5	-4
04-18-61 1277619 4457019 5-71					8		15,276	3.57	545						
1403116 RAG APPLE WALNUT VICTOR.....*		1	12	1-21	12	2.8	16,161	3.58	579	0	25	+282	-.02	+7	+13
12-14-60 010259958 5200343 5-71					18		15,151	3.68	558						
1403129 MEISEGEIER SCOTTY A 8 C.....*		2	18	1-35	22	2.9	12,084	3.97	480	6	31	-287	+.04	-5	-12
05-17-61 1331314 4308118 5-71					14		12,928	3.85	498						
1403131 MEISEGEIER A 8 C FOBES.....*		7	20	4-35,41,	32	1.5	11,817	4.12	487	**	33	-532	+.14	-1	-15
06-26-61 1331314 4773722 5-71				73,85	16		13,366	3.69	493						
1403153 COON TRAIL DUNLOGGIN PROFESSOR*		3	11	2-31,57	18	2.4	15,449	3.20	494	12	33	-150	+.01	-4	-7
02-09-60 1322185 3944195 5-71					48		16,129	3.16	509						
1403164 SISSON SKYLINER GENE.....*		6	23	1-21	34	2.7	16,052	3.28	527	9	36	+333	-.06	+4	+12
01-08-61 1244845 3389004 5-71					20		15,251	3.40	518						
1403210 WYLAMYNA IMAGE LEADER.....		1	39	1-42	39	2.1	14,168	3.42	484	**	28	+94	-.02	0	+2
05-29-61 1290204 4372162 5-71					5		13,820	3.49	483						
1403222 DE KOL DALTON STANDOUT-TWIN...*		2	11	2-31,58	14	2.2	11,285	3.42	386	10	28	-91	-.02	-6	-7
01-18-61 1118038 3587157 5-71					10		11,361	3.52	400						
1403228 JIVEST LEADING VAL.....		1	15	1-41	15	2.7	13,380	3.74	500	0	26	+181	+.01	+8	+11
01-06-61 1216957 4907483 5-71					5		12,534	3.73	467						
1403237 C V F NAOMI PERFECTION BIG BOY*		1	14	1-22	14	3.1	11,714	3.71	435	0	26	-278	-.01	-11	-16
07-31-60 1300736 3573560 5-71					29		12,682	3.78	479						
1403241 BUDD FARM SIR DELLA.....*		4	6	2-31,63	11	2.4	14,750	3.82	563	0	30	-245	+.06	-1	-7
02-28-61 1306065 4014191 5-71					14		15,760	3.66	577						
1403363 GOFSON RUDY SCHOOLMASTER.....*		6	9	1-11	17	2.0	12,620	3.70	467	15	34	-223	+.02	-5	-10
01-14-61 1181068 3569673 5-71					14		13,210	3.66	483						
1403365 ALTEX ELSIE MONTEX.....*		5	23	2-71,74	34	2.0	12,493	3.57	446	8	33	-429	+.03	-12	-21
06-12-61 1150470 3548525 5-71					20		13,764	3.52	484						
1403371 RIDGELY SUPREME.....*		1	28	1-21	28	2.4	12,682	3.55	450	9	28	-271	-.02	-12	-17
04-30-61 1148745 3837096 5-71					14		13,635	3.63	495						
1403378 ROTHERWOOD BONNY SOV DELLA....*		7	10	3-52,55,	20	2.6	16,385	3.70	606	5	37	+318	+.05	+19	+24
03-09-61 1151349 4100863 5-71				58	41		15,708	3.58	562						
1403382 ROSEROW WORTHY PLATO.....	61-02	126	2	9-31,33,	206	1.4	14,512	3.81	553	12	90	-141	+.17	+18	+11
03-20-60 1124780 4700313 5-71				61,74,84	18		14,750	3.63	536						
1403386 VALLEY HALL PABST NANNETTE....*		2	23	1-21	25	2.9	14,083	3.71	522	5	30	+103	+.02	+6	+8
04-24-61 905683 4062584 5-71					29		13,717	3.65	501						
1403429 LAVACRES POLLY DUSTER.....*		1	35	1-93	35	1.6	14,587	3.53	515	**	26	-158	-.01	-7	-10
05-28-61 1382958 4410124 5-71					110		15,345	3.59	551						
1403431 LAVACRES DUSTY MARMADUKE.....*		6	5	3-14,23,	16	2.4	15,582	3.32	518	17	40	+468	-.14	-3	+10
06-04-61 1205185 4431193 5-71				51	68		14,470	3.68	532						
1403477 WIS PROSPERITY BOY.....*		10	6	4-34,35,	19	2.1	14,211	3.35	476	27	41	-365	-.12	-29	-34
03-16-61 1330357 3279882 5-71				43,57	17		15,229	3.64	554						
1403481 WIS PIONEER RANGER.....*		2	24	2-22,23	26	2.2	13,647	3.67	501	30	27	-181	.00	-6	-10
03-05-61 1292880 3899508 5-71					48		14,352	3.69	530						
1403484 WIS PIONEER ROYALIST.....*		4	14	1-43	24	2.8	13,435	3.42	460	12	37	-49	-.03	-6	-6
04-20-61 1292880 4566764 5-71					21		13,531	3.53	477						
1403498 MAU-JER INVINCIBLE CAPTAIN....		3	18	1-32	26	1.9	10,670	3.86	412	16	32	-527	+.04	-14	-25
01-08-61 1056882 4336210 5-71					10		12,138	3.74	454						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1403529 SIR GRAY VIEW WINTERTHUR.....*		1	13	1-50	13	1.2	12,258	3.40	417	**	20	-146	-.01	-6	-9
02-28-61 1244845 4075674 5-71					20		12,878	3.45	444						
1403550 OLSONS SYMBOL MAN-O-WAR.....*		1	12	1-35	12	2.7	14,185	3.36	477	29	24	-109	-.03	-8	-9
01-10-61 1197955 4587451 5-71					15		14,725	3.49	514						
1403552 ELM RIDGE DUKE OESIGN.....*		1	12	1-35	12	2.8	13,718	3.75	514	9	25	-65	+.02	0	-2
04-01-61 1350701 4373955 1-71					10		13,992	3.71	519						
1403553 ELM RIDGE REFLECTOR PREMIER...*	35-05	29	9	3-35,41,	60	1.5	14,315	3.55	508	20	62	+125	-.09	-8	-3
01-22-61 1298430 2896978 5-71				42	15		14,132	3.71	524						
1403560 SIR BROWNDALE RAG APPLE CLIMAX	91-13	71	8	4-82,91,	217	1.4	15,709	3.53	555	16	85	-92	-.06	-12	-12
10-01-60 010260076 010992757 5-71				92,93	45		16,026	3.61	578						
1403570 MARCOVE WALLIE KING.....*		5	6	1-23	18	2.7	14,319	3.56	510	10	40	-136	-.09	-17	-18
04-16-61 1190632 4083903 5-71					22		14,740	3.81	562						
1403574 MAYGATE DE KOL TRANSMITTER....*		3	13	1-42	17	3.4	12,734	3.65	465	0	31	+36	+.03	+5	+5
09-30-60 1038509 3638888 5-71					40		12,473	3.54	442						
1403582 SWALL FARMS ROYAL GEM.....*		3	16	1-51	21	2.5	13,288	3.61	480	5	31	-100	-.04	-9	-10
05-23-61 1305460 4136108 5-71					11		13,580	3.78	514						
1403591 JELTON REFLECTION KIT.....*		13	11	2-41,93	46	2.1	16,694	3.77	629	13	54	-342	+.10	+1	-8
08-09-60 1349691 4681433 5-71					62		17,702	3.62	641						
1403636 AMES A LADDIE.....*		1	15	1-42	15	1.9	15,896	3.35	532	47	23	-263	-.03	-13	-18
12-03-60 1346652 4388719 5-71					31		17,387	3.48	605						
1403662 BAUER CREST ADMIRAL BESS.....*		3	7	2-35,41	12	1.8	15,042	3.54	532	36	28	+309	-.06	+2	+10
01-08-61 1214152 3391880 5-71					10		13,914	3.79	528						
1403692 MERIWETHER IRA ROSE-TWIN.....*	21-10	69	1	4-11,13,	80	2.9	14,622	3.67	537	8	84	-230	+.10	+5	-2
04-03-61 1189870 3754981 5-71				21,23	22		15,001	3.56	534						
1403693 MERIWETHER IVAN ROSE-TWIN.....*	21-10	122	2	6-11,12,	165	1.7	15,124	3.72	562	13	89	-171	+.12	+11	+5
04-03-61 1189870 3754981 5-71				13,14,21	25		15,469	3.59	555						
1403794 ST CROIXCO PRAIRIE GAIL.....		3	5	1-35	10	2.6	15,310	3.67	562	17	31	-200	-.03	-11	-14
10-13-60 1291499 4132770 5-71					9		16,184	3.78	612						
1403806 HARMONY-VALLEY SKYLINER VICKIE*		3	3	1-35	10	2.4	13,574	3.40	462	22	33	+9	-.06	-8	-6
08-20-60 1244845 3703508 5-71					13		13,502	3.61	488						
1403818 STRATHAVEN PONTIAC CITATION...*		6	4	4-47,48,	13	2.2	16,005	3.54	566	9	36	+401	.00	+14	+22
11-17-60 1492073 011352262 5-71				73,93	22		14,990	3.54	531						
1403832 IDA-ROYAL REVELATION DIGNITY..*		1	13	1-82	13	2.9	12,748	3.64	464	**	25	-312	+.02	-8	-15
01-10-61 1292145 4376770 5-71					20		14,034	3.57	501						
1403853 COLD SPRING PRINCE MAJESTY JOE*		2	19	1-35	21	2.8	14,693	3.50	514	15	29	-325	+.03	-8	-15
01-11-61 1325511 3892944 5-71					12		16,030	3.43	550						
1403864 BOOTH ORMSBY DAN.....		1	11	1-35	11	2.5	13,361	3.65	488	0	23	-42	+.01	0	-1
01-25-61 1351327 4300431 1-71					6		13,503	3.59	485						
1403934 ESTELLEO SPERGER COMMANDO.....	41-01	51	2	3-41,42,	61	1.8	12,349	3.52	435	22	77	-993	-.02	-38	-57
01-26-61 1261140 4223710 5-71				45	21		13,603	3.56	484						
1403993 GLENAFTON RAG APPLE CAPERS....*		15	1	7-13,21,	16	2.2	12,712	4.05	515	17	50	-545	+.19	+6	-9
02-01-61 1243697 011270451 5-71				23,31,32	22		13,795	3.65	503						
1404013 ELMER BROOK ROYAL TRIUMPH.....*		4	9	2-35,42	19	3.1	14,679	3.66	537	5	39	+187	-.03	+2	+7
03-13-61 1349678 4265423 5-71					10		14,228	3.76	535						
1404020 POLAND AMBASSADOR GRACIOUS....*		1	37	1-52	37	2.0	12,543	3.58	449	16	27	+84	-.01	+1	+3
02-22-61 1082310 3965081 5-71					52		12,044	3.65	440						
1404042 EMMONS NOEL DELIGHT.....		1	12	1-34	12	2.0	10,758	3.63	391	13	23	-340	+.03	-8	-15
04-15-61 1315498 4600741 5-71					6		12,081	3.51	424						
1404077 OON PHIL MAGICIAN CAPTAIN.....		1	21	1-93	21	1.6	14,167	3.85	545	**	24	-14	+.02	+2	+1
01-30-61 1144239 4098509 1-71					10		14,262	3.79	541						
1404084 FLOCAR MAGICIAN GOVERNOR.....*		1	14	1-31	14	3.1	15,615	3.70	577	8	25	+258	.00	+10	+15
10-30-60 1138451 4468936 5-71					11		14,665	3.70	542						
1404094 F J C ROBURKE MOOIE MARK.....*	35-75	14	2	8-21,35,	21	2.1	15,206	3.54	538	12	54	-183	-.02	-10	-13
06-24-61 1065220 3815814 5-71				82,87,93	36		15,723	3.59	564						
1404105 DEVON ACRES M BRAVE ADVENTURER*		1	16	1-34	16	2.8	14,309	3.60	515	33	25	-154	+.02	-3	-6
04-24-61 1263007 4404894 5-71					23		15,037	3.54	532						
1404112 RAG APPLE VALE FOBES.....*		3	7	2-33,55	10	3.3	11,766	3.91	460	11	29	-411	+.05	-8	-17
07-31-60 1354483 4586552 5-71					5		13,114	3.74	490						
1404129 DIX HILL MONTIE WILL.....*		1	34	1-55	34	1.6	14,497	3.27	474	3	26	+86	-.01	+1	+3
03-22-61 1137421 4396487 5-71					22		14,182	3.29	467						
1404162 STURDY OAK BUTTER BOY BESSIE..*		1	25	1-35	25	2.6	13,067	3.54	463	13	27	-190	-.04	-12	-15
01-27-61 1292438 3539150 5-71					13		13,754	3.71	510						
1404172 ARUNDEL REGAL DONJON.....*		6	2	4-22,23,	10	2.4	13,287	3.54	470	10	37	-232	-.05	-15	-18
08-17-60 1330681 4614922 1-71				50,51	20		13,913	3.69	514						
1404184 U-MO OLYMPIAN MARC.....*		4	19	1-43	26	2.2	14,930	3.72	555	13	32	+77	.00	+3	+4
02-06-61 1232399 3816733 5-71					42		14,770	3.72	550						
1404194 HOMERVILLE ROCKET STAR.....*		4	7	3-31,57,	15	2.1	13,105	3.66	480	**	32	-468	+.06	-9	-20
09-11-60 010245456 4096992 5-71				64	30		14,626	3.50	512						
1404202 COLLINS-CREST BUDDY BURKE.....	21-10	531	2	9-11,13,	684	1.3	16,204	3.43	555	13	97	+773	-.15	+6	+25
08-03-60 1038509 4201732 5-71				14,21,23	24		15,571	3.56	554						
1404234 TUM-A-LUM IVANHOE AJAX.....*		2	13	1-12	15	2.1	13,938	3.96	552	0	26	-248	+.08	+2	-5
01-16-61 1189870 3088201 5-71					33		14,992	3.65	547						
1404264 BRIGEEN GOLDEN GENERAL.....*	33-03	4	14	3-11,21,	19	2.9	15,340	3.68	565	11	32	+60	+.02	+5	+6
05-01-61 1170426 3603837 5-71				55	15		15,286	3.63	555						
1404266 LODESTAR GOLDEN BONANZA.....*		15	2	7-21,22,	22	2.2	15,663	3.70	580	17	55	+681	-.01	+23	+37
01-18-61 1199324 4259610 5-71				31,35,51	14		14,475	3.74	542						
1404267 LODESTAR GRACIOUS HARMONY.....*		4	3	2-16,22	10	2.7	15,462	3.84	594	13	35	-171	+.07	+4	-1
03-17-61 1213512 4856672 5-71					13		16,176	3.65	591						
1404270 JOE GRAY VIEW TWIN BROOK.....*		3	7	1-13	12	3.0	16,060	3.85	618	17	31	-48	+.06	+7	+5
04-05-61 1244845 4625403 5-71					21		16,471	3.67	604						
1404272 GREEN DOWNS FOBES BURKE.....*		1	80	1-61	80	1.4	16,410	3.31	543	15	26	+692	-.03	+20	+35
02-26-60 1136723 3759987 5-71					56		13,762	3.38	465						
1404277 CRAIG-ACRES PROFILE TYPESETTER*		2	10	2-35,65	12	2.8	14,005	3.31	463	0	26	+34	-.07	-8	-6
02-07-61 1340678 4796899 5-71					13		13,869	3.59	498						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1404336 MAYWOOD BLACK MAGIC.....*		8	7	3-33,35,	24	2.4	13,342	3.59	479	19	47	-135	-.04	-10	-12
02-02-61 1282185 4821589 5-71				64	20		13,596	3.70	503						
1404344 MAC BOB-OE CARNATION-TWIN.....*		6	3	2-32,43	13	1.9	11,594	3.92	454	20	37	-565	+.12	-4	-18
07-24-60 1292446 4009386 5-71					17		13,018	3.56	464						
1404428 PUGET SOUND CORRELATION.....	91-13	56	5	5-81,82,	117	2.1	14,068	3.63	511	15	83	-416	+.02	-12	-21
01-20-61 1315253 4472478 5-71				87,91,92	20		14,641	3.61	529						
1404456 CLYDE HILL LAD JEWEL.....*		2	21	1-43	36	2.4	17,512	3.60	630	7	38	-261	+.03	-5	-11
09-01-60 1160414 4677428 5-71					17		18,667	3.54	661						
1404518 LONDON WINDY LUCY POSCH.....*		5	31	1-31	48	2.0	14,265	3.68	525	23	36	-563	-.01	-22	-33
02-23-61 1190014 4287085 5-71					69		16,041	3.72	597						
1404637 LUNOMARK GINGER BEV CHIEF-TWIN		1	32	1-35	32	1.6	14,591	3.60	526	**	25	-67	+.01	-1	-3
11-10-60 1258673 3728730 1-71					3		14,962	3.60	539						
1404666 OIBBLE CRUSADER MONARCH.....*		2	26	2-34,35	28	2.4	13,257	3.54	469	0	29	-222	+.01	-7	-12
12-09-60 1014925 3632787 5-71					18		14,042	3.54	497						
1404687 OEE ANN ROEBUCK BARON.....	33-03	136	9	30-21,23,	216	1.3	12,670	3.93	498	24	84	-1,780	+.26	-33	-74
11-06-60 1304176 3553202 5-71				32,35,48	26		14,882	3.65	543						
1404688 OEE ANN ECHO ROEBUCK-TWIN.....*		14	20	9-23,33,	46	2.5	13,538	3.66	495	12	45	-294	-.02	-13	-18
03-10-61 1230610 3726803 5-71				35,48,84	40		14,219	3.71	528						
1404757 FLEMINGDALE PERFECTION CHAMP..		2	13	1-23	21	2.8	13,915	3.56	496	0	35	+105	.00	+4	+6
07-10-60 010268166 011303840 5-71					15		13,579	3.56	484						
1404762 RAVENGLEN OEL-RAY-B ORMSBY REX		4	6	2-31,32	18	2.1	11,787	3.76	443	11	40	-155	+.01	-4	-7
07-11-61 1297169 3741561 5-71					20		11,978	3.76	450						
1404780 DOLVIC BURKE FOBES BOLO.....		2	13	1-35	17	3.2	16,155	3.97	641	8	31	+360	+.08	+25	+30
01-27-61 1313976 4612792 5-71					12		15,089	3.74	565						
1404788 DON AUGUR MOTHERMARTHAS PROMIS*	35-75	427	2	41-21,23,	569	1.1	15,577	3.65	568	13	96	-140	+.02	-2	-5
01-15-60 1152252 3692153 5-71				32,35,41	20		15,921	3.64	579						
1404795 SHANGHIGH HI-BOY CHAMP.....*	23-09	197	2	4-23,31,	317	2.5	13,724	3.73	512	11	95	-391	.00	-14	-22
09-01-60 1292681 4046480 1-71				50,55	17		14,160	3.75	531						
1404797 MEADOWVIEW TRUSTEE BONOSMAN...*		1	29	1-51	29	3.0	12,455	3.62	451	0	29	-315	+.02	-8	-15
07-29-60 1313008 4076591 5-71					28		13,491	3.55	479						
1404814 FO-MA-TO-SA BURKE BASIL-TWIN..*	35-21	15	21	7-35,41,	47	2.3	17,466	3.76	656	5	44	+847	+.06	+39	+54
12-08-59 1233487 3921826 5-71				42,48,73	19		15,703	3.65	573						
1404822 DOREIGH FARMS LUCY BELLE BOY..*		8	2	3-14,16,	14	2.6	16,371	3.70	606	**	44	+541	+.02	+22	+32
06-05-61 1259069 4464120 5-71				21	18		15,288	3.68	563						
1404825 ROCKET CASS RIDGE PETE.....*		4	13	2-23,51	18	2.1	14,269	3.57	510	33	30	-255	-.02	-12	-17
02-08-61 010245456 5214546 5-71					10		15,255	3.67	560						
1404848 NORTEX ORMSBY FARM MASTER.....*		1	23	1-74	23	2.4	14,359	3.59	515	6	27	+28	+.03	+5	+5
06-14-61 1191921 3694856 5-71					10		14,287	3.47	496						
1404850 HALLCREST FOLLOW ON CONQUEROR.*		1	10	1-21	10	2.4	12,090	3.76	454	25	22	-199	+.05	0	-5
08-26-60 1142734 3841394 1-71					15		12,881	3.52	454						
1404878 VERPANA FARM RAJAH ROYAL.....*		1	15	1-35	15	2.1	14,852	4.02	597	8	24	-118	+.07	+5	+1
06-20-61 1206220 3262462 5-71					16		15,497	3.78	586						
1404880 VISTA GRANDE HAVEN LAD.....*		7	26	1-23	46	2.1	13,895	3.95	549	14	39	-57	+.06	+6	+4
10-23-60 1079658 3943008 5-71					19		14,058	3.82	537						
1404929 STERLINGLEN SPACEMAN.....*		1	10	1-31	10	3.0	12,249	3.62	444	0	24	-65	+.02	0	-2
11-06-60 1113350 4362774 5-71					11		12,366	3.59	444						
1404931 SUEDALE BUCKY T.....*	21-10	203	1	6-13,14,	228	1.5	16,271	3.44	560	13	93	+515	-.13	0	+13
12-13-60 1038509 3676432 5-71				16,21,22	21		15,911	3.56	567						
1404944 NACHES MADCAP KORNDYKE.....*		2	23	1-82	25	2.8	14,298	3.60	515	16	29	-287	.00	-10	-16
01-26-61 1310718 3612802 5-71					20		15,450	3.61	557						
1404955 REYNOLAND SENOR PEORO.....*	21-10	48	1	2-13,21	49	2.7	15,066	3.56	536	11	77	-277	+.01	-8	-14
02-12-61 1085978 4034865 5-71					20		15,593	3.54	552						
1405004 GLAD-MAR POSCH UNA FOBES.....*		1	10	1-51	10	2.4	14,073	3.99	562	13	22	-13	+.02	+2	+1
06-26-61 1330681 4008510 5-71					31		14,159	3.96	560						
1405012 HENKET SOVEREIGN JOE.....*		3	45	2-23,58	49	1.9	15,734	3.36	528	0	29	+5	-.02	-3	-2
07-16-61 1366811 4181736 5-71					118		15,912	3.44	548						
1405053 HILLSIDE CHESTNUT.....*		2	11	1-23	13	2.6	14,606	3.33	486	15	26	+42	-.14	-18	-14
02-13-61 1298430 2848815 5-71					24		14,501	3.88	563						
1405057 BO-CAR BUR ABBIE JIM.....*		3	16	1-21	21	2.4	13,770	3.62	498	24	31	+41	+.01	+3	+4
04-22-61 1140763 4271672 5-71					23		13,602	3.57	485						
1405101 WALHOWOOD VERNON MINT.....*		5	23	3-11,12,	41	3.0	14,998	3.69	553	8	41	-151	+.02	-3	-6
02-25-61 1246708 3698692 5-71				13	25		15,525	3.67	570						
1405113 AUBREY POSCH PLUTOCRAT.....*		5	17	1-21	35	2.3	15,144	3.26	493	18	41	+376	-.09	0	+10
01-31-61 1280705 3042117 5-71					21		14,259	3.46	494						
1405117 IDEOGRAPH BURKGOV COMET.....*		2	8	1-82	10	2.4	14,180	3.50	497	11	25	+203	+.02	+10	+14
04-20-61 1362539 4630637 5-71					8		13,299	3.39	451						
1405119 IDEOGRAPH ROBURKE MILLER.....*		4	3	2-87,93	10	1.8	13,714	3.75	514	0	31	-489	+.01	-16	-26
05-28-61 1358623 4850455 1-71					60		15,432	3.72	574						
1405171 PABST ADMIRE LOUIS.....*		1	50	1-85	50	2.0	15,069	3.53	532	9	28	+201	+.03	+12	+15
04-19-61 1358647 4359033 5-71					47		14,392	3.39	488						
1405172 PABST ADMIRATION JEWEL.....*		1	15	1-72	15	1.0	12,117	3.51	425	**	20	-245	+.05	-2	-8
04-10-61 1358647 4461690 5-71					39		13,299	3.28	436						
1405186 OXFORD HEIGHTS SIGNET PABST...*		6	25	4-13,16,	36	2.1	12,584	3.70	465	11	33	+77	+.02	+6	+7
05-15-61 1346908 4253655 5-71				21,23	16		12,176	3.61	440						
1405241 ARCHAMBAULT HERCULES.....*	35-05	28	2	5-33,35,	41	2.6	13,130	3.80	499	15	71	-625	+.11	-8	-23
01-13-61 1225983 4460931 5-71				41,42,74	19		14,016	3.65	512						
1405247 BEAU ROBARON PARALLEL.....*		8	1	1-41	10	2.3	15,018	3.60	541	25	37	+218	-.01	+6	+11
07-15-61 1313355 4389805 5-71					11		14,489	3.64	528						
1405295 WESTSIDE BOOSTER ROCKET.....*		4	10	1-21	15	2.9	15,937	3.51	559	0	32	+134	-.01	+4	+7
06-19-61 1244845 3936134 5-71					26		15,690	3.51	550						
1405299 MELODY LANE CAPTAIN ROMEO.....		1	25	1-35	25	2.6	11,439	3.41	390	33	27	-430	-.05	-22	-29
02-21-61 1144239 3385650 5-71					6		12,933	3.64	471						
1405300 MELODY LANE CAPTAIN MONARCH...		1	25	1-56	25	1.7	12,718	3.87	492	11	24	+5	+.01	+1	+1
04-20-61 1144239 4290315 1-71					37		12,559	3.86	485						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1405301 H S H DELLA FOBES TRENT.....*		1	20	1-54	20	1.9	12,383	3.48	431	50	24	-181	-.02	-9	-12
04-04-61 1151349 4470200 5-71					37		13,050	3.59	469						
1405316 POSCH IMPERIAL DEAN ILEX.....*		2	16	1-21	18	3.2	13,513	3.58	484	0	29	-82	-.01	-5	-6
03-08-61 1213164 3670093 5-71					14		13,780	3.66	504						
1405331 GROFFDALE IVANHDE.....		2	20	1-23	39	2.8	12,844	3.38	434	7	42	+101	-.08	-8	-4
11-25-60 1189870 4433106 5-71					13		12,452	3.61	450						
1405363 SKOKIE COMET.....*	33-03	23	16	9-21,33,	75	1.7	14,817	3.73	552	13	58	-254	+.02	-7	-12
05-07-61 1352966 3198845 5-71				35,42,73	29		15,404	3.71	572						
1405400 LONOON WINOY DUNFLO.....*		4	17	1-31	22	2.9	14,801	3.67	543	10	32	-307	-.02	-14	-20
06-17-61 1190014 4433416 5-71					72		15,951	3.76	600						
1405489 CAPTAIN BURKE MONARCH DESIGN..*	35-21	3	28	2-41,43	34	2.7	19,251	3.54	682	10	31	+591	-.02	+19	+31
03-10-61 1332860 4439864 5-71					6		17,743	3.58	635						
1405498 SHANGHIGH TOPPER SULTAN.....*		1	18	1-31	18	2.8	16,466	3.49	574	0	26	+28	-.04	-4	-3
07-29-60 1270830 4129058 5-71					20		16,629	3.61	601						
1405507 RUSHMERE PINKY MAESTRO.....*		1	27	1-35	27	2.2	13,929	3.65	508	**	27	-173	-.01	-7	-10
06-29-61 1357109 4342075 5-71					18		14,652	3.70	542						
1405530 BLENO INKA BURKGOV.....	48-01	131	6	2-47,48	381	1.6	14,416	3.50	505	15	93	+415	-.07	+5	+15
09-16-60 1038509 4585964 5-71					22		13,973	3.57	499						
1405531 RE BLENO BESS BURKE.....*		9	19	2-48,74	40	2.2	14,699	3.63	534	23	41	+101	-.01	+2	+4
02-02-61 1381027 5107055 5-71					11		14,508	3.67	533						
1405607 BURLEY ROBURKE KING.....*		6	3	3-61,63,	11	1.7	16,182	3.44	556	27	34	+458	-.06	+8	+19
03-11-61 1305495 4410605 5-71				64	19		14,911	3.58	534						
1405612 REFLECTION CITATION BOY.....		1	46	1-86	46	2.6	17,823	3.32	592	4	29	+748	-.06	+18	+34
09-13-60 1492073 5373325 5-71					111		15,417	3.46	534						
1405628 PUGET SOUND STATESMAN.....*	35-75	7	49	4-35,45,	60	1.9	15,848	3.54	561	3	32	+444	+.03	+20	+28
03-31-61 1343217 4404452 5-71				92,93	9		14,509	3.44	499						
1405644 KING LOCHINVAR SKYLINER.....*		1	25	1-93	25	2.2	16,549	3.43	567	4	26	+87	-.01	+2	+4
02-23-61 1244845 3192547 5-71					56		16,473	3.44	566						
1405686 HAPPYDALE RDYAL MASTER.....*		5	5	3-21,22,	13	3.2	16,133	3.84	620	0	37	+53	+.13	+20	+18
03-28-61 1189870 3824131 5-71				51	53		16,216	3.54	574						
1405707 GREMELSBACH STAR CONAN.....		2	20	1-41	25	1.5	13,963	3.45	482	**	28	+109	-.03	0	+3
08-13-60 1305446 4517852 5-71					8		13,526	3.59	485						
1405743 FLYNN FIELD LILLY JUN.....		1	42	1-46	42	2.3	13,237	3.35	444	11	28	-260	.00	-9	-14
06-26-60 1259881 4521880 5-71					29		14,184	3.36	476						
1405746 FLYNN FIELD FEJA JESS.....		1	16	1-47	16	3.7	14,532	3.65	531	0	28	-17	.00	-1	-1
10-05-60 1350157 4820611 5-71					25		14,670	3.70	543						
1405750 MASSIVE HILLS MAGICIAN BILL...*	63-01	22	12	1-63	60	2.7	12,853	3.58	460	7	62	-655	+.01	-22	-35
01-28-61 1138451 3277829 5-71					36		13,917	3.57	497						
1405882 U-MO OLYMPIAN ACME.....*		1	14	1-43	14	1.4	13,762	3.47	477	**	22	-200	-.02	-10	-13
03-31-61 1232399 3722866 5-71					13		14,779	3.59	530						
1405930 NAKOTA EMINENT ALLEN.....*		1	27	1-45	27	1.9	11,120	3.49	388	0	26	-11	.00	0	0
07-16-61 1297273 4412760 5-71					31		10,857	3.49	379						
1405939 HOOGBOOM PILOT SESAME.....*		3	9	2-51,52	13	2.9	14,242	3.70	527	0	29	-117	+.02	-2	-5
03-11-61 1175596 4113317 5-71					32		14,721	3.68	542						
1405940 HOOGBOOM ROYAL M SCHOOTEN.....*		10	9	1-51	41	2.8	14,343	3.83	549	14	57	+293	+.05	+17	+22
03-15-61 1305460 3349013 5-71					24		13,813	3.76	520						
1405957 MACHOLD SKYLINER DUKE PHILIP..*		2	16	1-21	18	3.3	17,998	3.63	654	6	30	+861	-.01	+29	+46
07-07-61 1244845 4567749 5-71					28		15,205	3.70	562						
1405958 MACHOLD SKYLINER IMPERIAL JACK*		6	5	1-21	18	2.7	15,137	3.53	535	21	44	+34	-.04	-4	-2
07-28-61 1244845 4567743 5-71					21		15,183	3.63	551						
1405963 HAVEN LANE SKYLINER ADMIRAL...*		2	19	1-51	21	3.2	16,008	3.69	591	0	30	+299	+.02	+13	+19
09-29-60 1244845 4077684 5-71					24		15,128	3.66	553						
1405979 ARBORLAND HAWKEYE LANNY-TWIN..*		2	20	1-47	22	3.2	14,011	3.95	553	7	30	+234	+.05	+16	+19
02-20-60 1331950 4320789 5-71					12		13,144	3.80	500						
1406001 PREMIUM HARVEST OLIVER.....*		3	11	3-35,63,	15	2.3	13,225	3.57	472	17	28	-23	-.03	-5	-5
09-07-60 1070036 4451654 5-71				73	19		13,239	3.71	491						
1406055 SIR TIDY LEADER.....*		3	8	1-42	20	2.3	13,556	3.75	508	28	39	-473	+.09	-5	-16
09-26-60 1307771 3410504 5-71					14		14,877	3.54	527						
1406145 GRACACRE GOLDEN MARK.....*		2	52	1-34	58	2.3	14,147	4.00	566	11	31	-61	+.04	+4	+2
01-02-60 1326796 4136865 5-71					12		14,394	3.87	557						
1406172 CALJUNE DIEHL CARNATION.....		1	29	1-48	29	2.4	12,861	3.64	468	7	28	+199	-.03	+3	+8
06-06-61 1357760 4299738 5-71					6		11,935	3.79	452						
1406271 HARBORCREST SUNSHINE.....*	31-02	1,003	9	42-31,43,	3,310	1.8	15,550	3.67	571	9	99	+1,069	+.07	+49	+68
02-26-61 1113350 4141507 5-71				55,56,64	23		14,529	3.61	524						
1406272 HARBORCREST MODEL.....*		1	65	1-31	65	2.6	14,225	3.40	484	6	30	+25	-.04	-4	-3
03-04-61 1281049 4818989 5-71					13		14,164	3.52	499						
1406273 HARBORCREST MARLIN.....*		7	3	4-23,31,	12	2.9	14,584	3.64	531	0	40	-228	.00	-8	-13
05-23-61 1138441 3894850 5-71				56,58	21		15,293	3.66	560						
1406300 LYN-LINE FOBES VICTOR.....*		1	14	1-35	14	3.5	14,409	3.64	524	7	27	+333	-.02	+9	+16
02-27-61 1309948 3547366 5-71					18		13,073	3.75	490						
1406321 WEEPING WILLOW QUALITY IVANHDE*		4	9	1-23	14	2.6	14,792	3.52	521	0	31	+102	-.03	0	+3
04-05-61 1189870 4412245 5-71					16		14,525	3.63	527						
1406326 BLOOMER BURKE PRINCE.....*		1	13	1-35	13	1.9	14,998	3.67	551	**	23	-4	.00	0	0
11-09-60 1353364 4808168 5-71					7		15,141	3.66	554						
1406344 HOLTZINGER TOO.....*		1	24	1-23	24	2.8	13,123	3.85	505	0	28	-130	+.03	0	-3
09-01-59 1119686 3653660 5-71					12		13,561	3.72	504						
1406376 WAL-MAT ORMSBY ACE.....*		1	19	1-31	19	2.1	15,554	3.64	566	0	25	+78	-.01	+1	+3
04-20-60 1186187 4103386 9-70					11		15,383	3.69	568						
1406408 FERTILE MEADOWS PRINCE XMAS...*		2	9	1-35	12	3.5	13,971	3.73	521	0	30	-287	+.02	-8	-14
04-07-61 1332101 4840503 5-71					11		15,031	3.70	556						
1406425 SYCAMORE PRINCE REGAL.....		1	59	1-50	59	2.5	10,430	4.34	453	22	29	-520	+.09	-7	-19
09-19-60 1109864 4381715 5-71					3		12,028	3.97	478						
1406430 POPLAR BENO PROFILE BARNEY....*		2	10	2-35,46	12	3.8	13,716	3.78	518	0	28	-492	+.04	-13	-24
11-13-59 1169417 3794386 5-71					25		15,633	3.68	576						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1406432 MINERVA CREEK PROFILE.....*		4	7	2-41,42	12	2.8	13,529	3.70	500	22	30		+18	+.01	+2	+2
06-14-59 1169417 3202844 5-71					10		13,414	3.66	491							
1406447 CAVANAGH SKYLINER HOLIDAY.....*		4	12	1-31	17	1.9	13,563	3.33	451	38	29		+2	-.04	-6	-5
01-01-61 1244845 4428831 5-71					22		13,515	3.49	471							
1406456 CAERNARVON SKYLINER.....*		13	11	3-22,23,	37	2.6	14,265	3.89	555	28	51		-281	+.04	-4	-11
02-15-61 1244845 3449879 5-71				51	19		14,918	3.83	572							
1406501 STONY8ANK RAVEN SUPREME.....*		2	24	1-48	26	1.9	13,028	3.36	438	23	27		-48	-.03	-6	-6
10-28-60 1179373 4815258 5-71					19		13,128	3.49	458							
1406504 HD8ELL 8URKE CHIEFTAIN.....		3	29	2-43,48	41	2.5	15,746	3.50	551	18	35		+668	-.06	+15	+30
03-04-61 1351280 4242482 5-71					15		13,845	3.68	509							
1406507 SEQUDIA STERK STAR LAO.....*		1	20	1-93	20	2.1	18,293	3.47	635	17	25		+79	-.03	-2	0
02-20-61 1274923 4096925 5-71					150		18,431	3.60	663							
1406513 HDOO KROFT CHARLO ARISTDCRAT..*		11	5	4-12,13,	28	2.4	13,536	3.61	488	26	53		-363	+.02	-11	-19
04-05-61 1231982 3241711 5-71				14,16	29		14,249	3.59	511							
1406520 GREEN PASTURES HAZEL 8UO.....*		2	51	1-33	53	2.3	14,575	3.75	546	7	29		+287	.00	+11	+17
07-19-61 1090258 3936539 5-71					17		13,559	3.77	511							
1406551 ADDHR VICTOR LONDON.....*	23-09	3	17	2-23,93	24	2.3	17,988	3.62	652	0	32		+107	+.01	+5	+7
03-14-61 1274685 4742594 5-71					131		18,066	3.61	652							
1406586 GLENAFTON RAG APPLE INOIGO....*		9	10	2-23,51	38	2.0	12,934	3.55	459	10	50		-331	-.04	-17	-23
09-14-60 010249530 010994512 5-71					17		13,561	3.65	495							
1406587 8ONO HAVEN CENTURION CONSUL...*		9	22	3-21,23,	41	2.7	14,556	3.55	517	14	40		-155	-.01	-7	-10
10-24-60 010239301 011022360 5-71				72	47		15,056	3.59	540							
1406623 S V F TANASI OEMOCRAT.....	63-01	40	4	3-57,63,	97	1.8	12,972	3.72	482	9	81		-785	+.08	-18	-35
03-23-61 1124780 3039242 5-71				86	24		13,939	3.62	505							
1406632 G-RDMAR SKYLINER 8OY.....*		7	5	2-16,21	18	2.8	13,803	3.72	514	25	44		-236	+.05	-2	-8
10-19-60 1244845 4236323 5-71					15		14,390	3.63	522							
1406636 IDEAL AOMIRAL.....		1	19	1-35	19	2.8	13,352	3.30	441	24	27		-52	-.06	-10	-10
09-23-60 1214152 4531248 9-70					8		13,508	3.54	478							
1406724 8UTTERCUP SKYCHIEF PRIOE.....*		2	16	2-33,35	21	2.9	12,574	3.85	484	5	32		-313	+.02	-9	-16
12-08-60 1283681 4194813 5-71					56		13,523	3.83	518							
1406762 TWIN COUNTY TRANSMITTER PRINCE*		2	21	1-31	23	2.3	13,244	3.62	479	22	28		-173	+.04	-1	-5
03-11-61 1290349 4410793 5-71					24		13,865	3.49	484							
1406776 WILGER8IN INKA MAYOR.....		4	6	1-87	17	2.7	14,509	3.45	501	13	41		-116	+.01	-3	-6
02-28-61 1038509 3971860 5-71					22		14,892	3.43	511							
1406794 ROYAL SEQUOIA OUKE.....*		7	3	5-31,52,	13	1.9	12,289	3.71	456	**	37		-440	+.07	-7	-17
09-12-59 010237136 4926721 5-71				55,63,72	12		13,429	3.53	474							
1406841 KIN LANO HOMESTEAO JOE.....*		2	10	1-35	12	2.3	15,562	3.59	558	0	25		+594	-.03	+17	+30
04-20-61 1106334 3966700 5-71					13		13,112	3.72	488							
1406860 PENSTATE LUCIFER S REFLECTION.		1	11	1-23	11	1.3	11,485	3.92	450	9	19		-312	+.07	-2	-10
03-27-61 1270143 3461636 5-71					5		13,014	3.55	462							
1406878 DOXLANO ROYAL CAMEO PILDT.....*		5	3	2-13,21	11	1.8	11,463	3.35	384	13	33		-692	-.02	-27	-40
08-07-61 1323779 4566244 5-71					28		13,493	3.43	463							
1406894 CHAIRALANE 8 L FA8ULOUS.....		3	27	1-82	31	3.4	14,805	4.04	598	3	32		+25	+.07	+11	+10
12-31-59 1314327 4305751 5-71					55		14,813	3.84	569							
1406895 SKDKIE CORDNET CLIMAX.....*	35-75	12	73	5-35,47,	104	2.0	15,797	3.58	566	10	36		+240	-.06	0	+6
04-14-61 1382768 4291082 5-71				48,56,71	51		15,263	3.77	575							
1406907 IOEOGRAPH SKYLINER MOOEL.....		1	25	1-82	25	2.4	14,414	3.57	515	0	28		+85	.00	+3	+5
07-16-61 1244845 4462948 5-71					57		14,127	3.56	503							
1406938 TIDY 8URKE 8LUE 8OY.....*		4	22	1-48	50	2.2	16,204	3.37	546	16	44		+210	-.05	0	+5
01-20-61 1376029 5159352 5-71					17		15,924	3.46	551							
1406943 WILLOWLYN R M DOC.....*		4	40	1-55	49	1.7	15,562	3.31	515	11	30		+63	-.02	0	+2
03-28-61 1305460 4177700 5-71					25		15,511	3.36	521							
1406957 OIAMONO J DUSTY EBONY.....		1	15	1-93	15	2.4	16,004	3.73	597	**	25		-196	+.04	-1	-6
04-01-61 1205185 4410130 5-71					141		17,125	3.59	615							
1406966 LAKE PARK BURKE LAD.....*		2	6	1-35	11	2.4	14,228	3.59	511	9	30		+74	-.03	-2	0
09-06-61 1244845 4483443 5-71					37		13,985	3.75	524							
1407128 WILLAROS RAG APPLE ROYAL.....*		8	14	3-35,74,	27	1.8	15,602	3.35	522	32	36		+102	-.08	-7	-3
07-23-61 1362609 3722415 5-71				84	43		15,473	3.55	549							
1407266 TYLER FARMS IVANHOE MASTER....*	21-10	221	5	9-11,12,	490	1.8	14,347	3.69	530	12	95		-25	+.02	+2	+1
07-03-61 1189870 3742261 9-70				13,14,21	20		14,422	3.68	531							
1407273 RDTHERWOOD DIRECT HAWKI-PAUL..		1	33	1-52	33	2.0	13,857	3.68	510	**	27		+36	-.01	0	+1
08-07-61 1141276 3957298 5-71					25		13,699	3.72	510							
1407335 CURTIS-HAVEN RDAMER PINECREST.*		2	6	1-23	11	1.6	14,274	3.80	542	**	28		-234	+.02	-6	-11
03-29-61 1102436 4342256 5-71					18		15,256	3.78	576							
1407342 HONOR SCHOOLMASTER LEAOER.....*		2	8	1-21	11	2.6	13,224	3.92	518	**	28		-247	+.03	-5	-11
02-08-61 1181068 4459567 5-71					20		14,134	3.84	543							
1407354 TIM8ERRIOGE ROCKET.....*		7	3	1-55	12	2.6	13,993	3.50	490	0	40		-111	-.04	-10	-11
07-12-61 1141276 4081670 5-71					28		14,312	3.63	520							
1407360 TUM-A-LUM IVANHOE REVIE-TWIN..*		8	2	1-21	13	2.3	15,168	3.45	524	33	43		+267	-.05	+2	+9
02-27-61 1189870 3999208 5-71					16		14,610	3.56	520							
1407362 SILVER LAKE OS8ORNDALE PDSCH..*		13	15	3-52,55,	43	2.2	16,923	3.92	663	7	47		+499	+.08	+29	+37
06-15-61 1189870 3918558 5-71				57	17		16,084	3.81	613							
1407383 LYKELAND ILEX HUSH HUSH.....*		1	12	1-21	12	3.2	12,171	3.65	444	10	25		-244	+.02	-6	-11
09-23-60 1213164 4317814 5-71					7		13,072	3.58	468							
1407386 HALLCREST FDLLOW ON FANSON....		1	15	1-21	15	2.7	13,105	3.89	510	22	25		-269	+.01	-8	-14
03-27-61 1142734 3841393 5-71					12		14,195	3.87	550							
1407387 HALLCREST FOLLOW ON FO8ES.....	63-01	39	4	1-63	98	2.2	13,433	3.68	494	17	82		-575	+.07	-12	-25
07-07-61 1142734 3548102 5-71					21		14,155	3.60	510							
1407408 LILACE ELSIE SUPREME.....*		2	10	1-82	17	2.4	17,454	3.44	601	0	33		+232	-.01	+7	+12
09-22-59 1335811 4529215 5-71					17		17,056	3.45	589							
1407449 TDPS NATIVE GEORGIE.....*		12	18	2-11,12	39	1.7	15,573	3.41	531	5	40		+5	-.07	-9	-7
08-14-61 1349485 3063741 5-71					34		15,741	3.56	561							
1407453 ELM RIDGE TREASURE TOPPER.....*		4	21	2-35,57	38	2.6	14,175	3.74	530	11	40		-129	+.03	0	-3
03-02-61 1222048 3787880 5-71					13		14,563	3.69	537							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK MILK	% %	FAT FAT	% 1ST INC	% REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1407466 PIETERTJE CEYDERMEAD CHIEFTAIN*		1	13	1-55	13	2.5	11,727	3.51	412	0	25	-219	-.03	-12	-16
06-17-61 1306827 3882740 5-71					34		12,477	3.68	459						
1407484 SPERGER STYLEMASTER SAL.....*		10	1	1-91	11	2.0	14,292	3.66	523	**	40	-215	+.02	-5	-10
10-31-60 1175471 4682512 5-71					24		14,933	3.64	543						
1407496 LEADER VALE OF A B.....*		2	16	2-35,42	18	2.6	11,305	3.56	403	17	28	-424	-.01	-16	-24
03-27-61 1234517 4684090 5-71					45		12,716	3.62	460						
1407521 STERK SALLY STAR.....*		2	7	1-93	10	1.8	18,970	3.60	682	**	25	+308	.00	+11	+17
08-05-61 1274923 4560293 5-71					131		18,152	3.61	655						
1407549 SALINE VALLEY CAREY CADET.....*		5	19	3-48,71,	26	2.7	15,412	3.68	567	12	33	+163	+.01	+7	+10
04-01-61 1324328 4286274 5-71				74	17		15,030	3.67	552						
1407566 LEA ACRES DAISY VIEW SKYLIGHT.*		6	3	1-52	11	2.3	14,737	3.36	495	0	36	+227	-.09	-5	+2
08-26-61 1359770 3251818 5-71					12		14,131	3.63	513						
1407586 ALLO SPOFFORD IMPERIAL.....		2	8	1-82	15	2.5	16,439	3.58	589	17	33	+207	-.03	+3	+8
06-29-61 1217920 3770531 5-71					39		16,007	3.68	589						
1407587 ALLO IMPERIAL LAKERIDGE.....		1	15	1-82	15	1.6	16,101	3.63	585	27	22	+8	.00	0	0
07-29-61 1217920 4841685 5-71					57		16,303	3.66	597						
1407665 PUGET SOUND CONCENTRATE.....*		2	13	1-84	22	1.4	13,248	3.50	464	8	31	+95	-.01	+2	+4
06-24-61 1315253 3278701 5-71					81		12,828	3.52	452						
1407669 THORLAND IDEAL FACTOR.....*		1	19	1-42	19	3.0	14,967	3.49	522	0	27	-37	-.01	-3	-3
09-09-60 1247304 4317770 1-71					13		15,238	3.54	539						
1407674 BARRETTS SKYLIGHTER COLE.....		5	6	2-73,74	12	1.6	14,488	3.31	479	30	29	-30	-.02	-4	-4
06-17-61 1359770 4257364 5-71					23		14,666	3.37	494						
1407690 SUPER B IVANHOE.....*		6	4	2-23,63	12	2.3	13,027	3.71	483	0	37	+80	+.03	+7	+8
05-03-61 1189870 4561748 5-71					15		12,682	3.62	459						
1407711 BRIGEEN GOLDEN STANDARD.....*		15	16	3-11,12,	47	2.9	14,135	3.74	528	13	50	-454	+.03	-12	-22
05-14-61 1170426 3268015 5-71				13	24		15,164	3.69	559						
1407724 ARLINDA ACE.....*	33-03	8	15	6-23,42,	28	2.1	17,601	3.46	609	12	38	-17	-.05	-7	-6
05-15-61 1283917 4458327 5-71				47,48,93	39		18,061	3.56	643						
1407781 BIG ELM OEAN SKYLINER.....*		9	3	2-21,23	17	2.5	13,789	3.44	475	15	47	-388	-.07	-24	-30
08-18-61 1244845 3578656 5-71					27		14,694	3.61	530						
1407817 CENTER FIELD IVANHOE TRUSTEE..*	61-02	184	5	5-13,32,	342	1.2	15,150	3.68	557	16	92	+348	+.03	+17	+23
01-28-61 1189870 4493840 1-71				34,51,52	19		14,863	3.65	542						
1407874 SHAWS ARISTOCRAT FAME.....*		4	29	1-34	38	3.0	13,527	3.88	525	14	34	-127	+.04	+1	-2
03-28-61 1124780 3719770 5-71					30		13,895	3.78	525						
1407875 SHAWS ARISTOCRAT CRETE LESEYLA		1	19	1-57	19	1.8	14,396	3.79	546	23	24	+33	+.01	+2	+3
03-30-61 1124780 3969749 5-71					6		14,295	3.78	541						
1407876 ROMANDALE TEXAL TRIBUNE.....*		7	36	3-33,35,	50	2.7	12,464	3.51	437	11	36	-21	-.04	-6	-6
07-13-60 010260008 010722711 5-71				73	11		12,366	3.64	450						
1407892 TUM-A-LUM ZUBA RUBA.....*		7	27	4-11,12,	43	3.0	13,824	3.66	506	10	39	+84	+.04	+8	+9
06-06-61 1063381 4391461 5-71				13,54	28		13,570	3.56	483						
1407935 O V C SKY CASS.....*		7	3	3-16,22,	12	2.0	14,528	3.76	546	13	36	-88	+.02	-1	-3
03-22-61 1244845 3534505 5-71				23	13		14,864	3.75	558						
1407973 ECHO PIDON DELORES EXPLORER...		2	11	1-41	17	2.7	14,037	3.58	503	40	31	-94	-.02	-6	-7
04-16-61 1198696 4432846 5-71					13		14,382	3.67	528						
1408030 PABST ADMIRATION DUKE DEAN....*		2	8	1-34	16	2.8	14,509	3.85	558	8	36	+393	+.08	+25	+31
06-18-61 1358647 4230313 5-71					6		13,346	3.64	486						
1408046 GOULD HIGHFLYER CAPTAIN.....*		7	5	1-13	19	2.3	15,090	3.48	525	18	44	-196	-.01	-9	-13
10-07-60 1318968 4345511 5-71					23		15,713	3.52	553						
1408057 LA KO LAND JERRY AAGGIE.....*		3	12	1-34	16	2.6	13,766	3.47	477	19	29	-249	-.01	-11	-16
05-16-61 1138441 3667701 5-71					19		14,705	3.53	519						
1408080 CHAPEL BANK WORTHY SPANGLE....*	21-10	54	1	5-12,13,	59	2.5	15,589	3.50	545	13	79	+607	-.10	+8	+22
08-03-61 1124780 3215754 5-71				16,21,23	20		14,918	3.61	538						
1408091 LONDALE WINNIE PILOT.....*		2	18	1-21	20	2.8	13,336	3.70	494	0	28	+3	+.02	+3	+3
08-14-61 1175596 4604823 5-71					8		13,257	3.62	480						
1408104 DAMONE GOLDEN NOEL.....*		4	4	1-21	10	1.9	14,726	3.63	535	43	31	+298	+.02	+14	+19
04-30-61 1315498 2632475 1-71					16		13,735	3.55	488						
1408125 HILLSPRIDE WISCAP GOLDEN.....*		4	23	2-74,93	30	2.0	14,779	3.40	502	12	31	+192	-.03	+2	+7
01-19-61 1144239 4203834 5-71					30		14,181	3.48	494						
1408174 NI-CRETE SHEFFIELD R MASTER...*		2	35	1-23	39	2.4	13,750	3.67	504	11	30	+146	-.01	+4	+7
04-14-61 1305460 5107634 5-71					8		13,189	3.72	491						
1408193 COMMONWEALTH CSH LONDON IDEAL.		6	5	1-61	18	1.9	14,235	3.43	488	29	41	-113	-.09	-17	-17
05-02-61 1194281 4277536 5-71					32		14,573	3.68	536						
1408206 LINARTIS ORMSBY BURKE.....		1	35	1-42	35	2.0	13,964	3.73	521	12	27	+26	-.04	-5	-3
09-17-61 1371554 4628332 5-71					7		13,858	3.95	548						
1408215 WAPA EXCELLENCY CAESAR.....*		1	17	1-31	17	2.4	15,869	3.54	561	25	25	+106	+.02	+6	+8
01-14-61 1350230 4323604 5-71					35		15,612	3.45	539						
1408261 GLEN BURN ZUBA PIONEER.....*		1	22	1-12	22	3.2	15,101	3.60	544	5	29	+283	-.01	+9	+15
09-19-61 1063381 4583422 5-71					32		14,126	3.64	514						
1408278 SKOKIE WOLVERINE.....*		8	8	3-34,52,	25	2.8	15,537	3.27	508	0	47	+339	-.09	0	+9
07-07-61 1288610 4377641 5-71				65	14		14,916	3.43	511						
1408280 ELMOKA HOMESTEAD DAN.....*		1	12	1-35	12	1.8	14,590	3.29	480	8	22	+267	-.08	-2	+5
09-24-61 1367645 4870891 5-71					33		13,303	3.70	492						
1408300 ARJO GINGER PILOT.....*		1	29	1-41	29	2.7	15,170	3.86	585	11	28	+254	+.05	+16	+20
05-18-61 1258673 3868612 5-71					18		14,303	3.71	531						
1408321 MAROY REFLECTOR ARISTOCRAT....*		6	3	2-14,21	14	2.6	16,516	3.86	637	8	43	+451	+.10	+31	+37
07-04-61 1298430 4338598 5-71					14		15,622	3.66	571						
1408354 WIS MESSENGER LAD.....*		17	23	4-47,48,	73	1.7	15,428	3.75	579	30	50	+224	+.08	+19	+22
07-21-61 1292880 3977251 5-71				73,84	15		15,099	3.62	546						
1408355 WIS PIONEER WONDER BOY.....*		5	28	3-35,46,	35	2.1	13,994	3.58	501	13	31	-317	-.04	-17	-22
07-23-61 1292880 4512606 5-71				57	9		15,129	3.72	563						
1408357 WIS DESIGN.....*		7	9	3-52,54,	34	2.1	15,103	3.30	499	13	50	-380	-.08	-25	-31
09-23-61 1292880 3612216 5-71				63	36		16,086	3.46	556						
1408359 WIS BURKE IMPROVER.....*		4	18	2-48,73	23	2.9	17,363	3.51	609	0	33	+310	-.04	+6	+13
10-06-61 1292880 4185273 5-71					14		16,697	3.59	599						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1408361 WIS IMPROVER CHIEF.....*		8	1	5-33,35,	10	2.0	14,180	3.47	492	17	38	-55	-.04	-8	-8
08-09-61 1330357 3856243 5-71				52,73,74	56		14,373	3.60	518						
1408416 SANMARGALE M-O-W MARTIN.....*		4	14	2-31,58	22	2.2	13,479	3.62	488	11	33	-33	+.01	0	-1
05-15-60 1176736 4657392 5-71					13		13,539	3.62	490						
1408446 TRIUNA GOLDEN CROWN VAR.....		4	14	1-42	31	2.4	13,371	3.61	483	12	42	+148	.00	+5	+8
03-09-61 1288605 4367002 5-71					7		12,912	3.62	468						
1408463 GYPSIE IDEAL MONARCH KING.....*		2	14	1-46	16	2.6	13,311	4.01	534	14	28	-266	+.07	0	-7
11-03-60 1292993 3613023 5-71					6		14,318	3.76	538						
1408465 JELTON JAMES CANYON SKY PREM..*		6	33	2-86,87	52	2.8	13,853	3.41	472	13	39	+3	-.04	-5	-4
09-18-60 1349691 3527378 5-71					24		13,834	3.51	485						
1408488 FLO-SILVER ROCKET GREAT.....*		4	16	2-43,71	26	1.8	15,166	3.38	512	28	33	+294	-.05	+3	+10
07-01-61 1336481 4293786 5-71					20		14,319	3.51	502						
1408528 FERNANDO AMES-WAY SKY8RIGHT...*		7	4	3-35,64,	14	2.8	12,857	3.53	454	0	40	-287	-.05	-17	-22
04-20-61 1244845 4064387 5-71				74	23		13,528	3.67	497						
1408561 WILLOWLYN R M LARK.....*		8	15	1-55	28	2.6	16,959	3.60	610	11	39	+142	+.01	+6	+9
04-03-61 1305460 4104197 5-71					25		16,887	3.59	606						
1408575 VAN SYM8OL KENT.....		1	16	1-34	16	2.8	12,941	3.52	456	0	26	-30	.00	-1	-2
12-04-60 1189593 4142953 5-71					6		12,962	3.53	458						
1408583 SPRUCEGATE RAG APPLE MATADOR..*	21-10	67	7	3-13,21,	104	2.8	14,864	3.57	530	10	79	-583	-.02	-24	-35
06-12-61 010218036 3909669 5-71				23	21		15,786	3.60	568						
1408616 M V 8 A U H TEN GLADYS ROG....	41-01	16	1	2-41,46	17	2.5	14,672	3.59	526	8	53	+500	+.01	+20	+30
03-07-61 1038509 4183103 5-71					19		13,696	3.56	487						
1408640 UNH GRENADIER GUARDSMAN.....*	33-03	16	12	10-15,16,	39	2.0	16,428	3.74	615	16	48	+445	+.07	+26	+33
09-06-61 1376785 3838209 5-71				23,35,41	14		15,675	3.62	567						
1408654 S C P MOSE DEWEY CHRISTY.....*		4	22	1-56	49	2.2	14,147	3.45	488	23	44	+163	-.03	+2	+6
09-17-61 1196645 4617151 5-71					84		13,755	3.50	482						
1408663 ELM RIDGE MAPLE 8LACKY.....*		1	17	1-35	17	2.9	13,965	3.82	534	9	27	+161	+.04	+12	+14
07-09-61 1386406 4850295 5-71					7		13,301	3.67	488						
1408673 ROYAL MATADOR 8URKE PROSPECT..		2	11	1-86	14	2.7	17,726	3.28	581	29	28	+314	-.02	+8	+15
08-29-60 1320117 3859200 1-71					11		16,911	3.30	558						
1408692 ROCKCREST CAPTAIN RO8ERT.....*		2	9	1-42	11	2.0	11,974	3.44	412	27	24	-246	-.03	-13	-17
09-17-61 1144239 4338558 5-71					11		12,910	3.63	468						
1408715 MYSIEDALE PRINCE 8ESSIE.....		1	10	1-35	10	1.5	10,486	3.46	363	20	20	-197	-.01	-8	-12
09-14-61 1345413 3796577 1-71					2		11,202	3.54	396						
1408716 JOLUDI EXCELLENT ELSIE LEAD...		2	40	1-93	44	1.6	15,956	3.40	543	**	28	+45	-.03	-3	-1
02-05-61 1334248 4862850 5-71					105		16,001	3.52	564						
1408720 RAG APPLE ROMEO INKA.....		1	34	1-41	34	2.0	16,291	3.51	571	**	27	+121	.00	+5	+7
08-07-61 1132684 3562777 1-71					20		16,050	3.48	559						
1408738 SHELDON MEL IVANHOE REFLECTION*	61-02	116	10	22-14,16,	303	1.7	15,336	3.72	571	13	88	-349	+.09	0	-9
03-30-61 1189870 4311379 5-71				21,23,34	30		15,931	3.63	578						
1408789 SANDYLAND MATCHLESS AAGGIE....*		5	19	2-73,85	29	2.2	14,310	3.38	484	16	34	-350	+.04	-7	-15
10-16-61 1321751 4626325 5-71					12		15,490	3.28	508						
1408804 DOUG-MAR VAR SKYLINER.....*		3	10	1-34	15	1.9	13,951	3.58	499	15	29	+59	+.01	+4	+5
03-25-61 1244845 3864856 5-71					23		13,724	3.51	482						
1408821 FERNHAME PRESIDENT FA8IAN.....*		3	9	1-13	14	2.7	13,830	3.45	477	0	31	-55	-.01	-4	-5
06-04-61 1071565 3527092 5-71					16		14,022	3.52	494						
1408842 PEACEFUL VALLEY RE8URKE.....		10	6	2-13,21	30	1.5	14,776	3.34	494	**	49	-122	-.09	-17	-17
12-02-60 1112211 3683101 5-71					18		15,149	3.53	535						
1408859 8ELLE-AFTON INKA GOVERNOR-TWIN*		9	17	2-21,47	44	2.3	13,627	3.57	487	33	46	-304	-.01	-12	-18
09-09-60 010233528 010992380 5-71					24		14,331	3.60	516						
1408973 SANDYFLAT WAYNE ARISTOCRAT....*		6	13	1-21	26	2.9	15,527	3.61	560	**	40	-43	.00	-2	-3
12-28-60 1124780 3926619 5-71					21		15,824	3.63	575						
1409036 ROELAND WESTERN SUPREME.....	41-25	83	5	5-23,35,	127	2.7	12,384	3.88	480	16	84	-1,107	+.15	-21	-46
05-30-53 010212120 010948195 5-71				41,45,74	18		13,676	3.71	507						
1409047 COMMODORE REAL VIEW COUNT.....*		1	11	1-42	11	2.3	12,034	3.68	443	50	22	-359	+.06	-5	-13
11-04-60 1246568 3772397 5-71					10		13,639	3.43	468						
1409079 ELK MOUNT WALLY MATADOR.....		1	28	1-52	28	1.7	13,347	3.71	495	**	25	-15	+.02	+2	+1
03-28-61 1210078 4437418 5-71					26		13,350	3.64	486						
1409090 MARCOANNA 8UD.....*		2	10	1-32	19	3.2	14,641	3.54	519	11	37	+60	-.04	-3	-1
03-18-60 1246183 3510617 5-71					8		14,539	3.66	532						
1409094 MAPLE WATER ROYAL LAD.....*		8	3	3-81,91,	16	1.8	15,331	3.43	526	**	42	+14	-.05	-7	-5
10-30-60 1305460 3889766 5-71				92	34		15,449	3.56	550						
1409132 PENSTATE DELIGHT.....*		1	48	1-52	48	2.2	13,321	3.84	512	21	28	-97	-.01	-5	-7
08-20-61 1218298 4485554 5-71					46		13,639	3.94	537						
1409135 PALO DURO IVANHOE STARLIGHT...*		1	21	1-74	21	2.5	16,812	3.63	610	5	27	+157	-.02	+3	+7
08-06-61 1189870 4386262 5-71					28		16,485	3.69	608						
1409146 MELODAY WIS LEADER.....*	91-11	1	14	1-35	14	3.4	14,333	3.75	538	7	26	+83	+.04	+8	+9
10-22-60 915940 4184561 5-71					11		14,026	3.63	509						
1409160 REST EASY SOVEREIGN SKY.....*		3	12	1-21	16	2.5	13,604	3.48	473	7	29	+128	-.01	+3	+6
06-02-61 1244845 3725772 5-71					47		13,072	3.51	459						
1409169 LIME HOLLOW 8URKGOV DEAN.....*	55-01	9	8	1-55	39	2.7	17,468	3.64	635	11	57	+464	-.01	+16	+25
03-08-61 1038509 3918867 5-71					49		16,949	3.65	618						
1409187 ARKEN REGAL HOMESTEAD.....*		3	6	1-42	16	2.6	15,142	3.69	558	0	38	+12	+.01	+2	+2
09-10-59 1273213 3695296 5-71					17		15,239	3.66	558						
1409196 NEMAHA SIR RAVEN LEADER.....		4	11	2-23,48	33	2.6	12,050	3.78	455	7	48	-227	+.06	0	-6
03-31-61 1261357 4218693 5-71					18		12,367	3.65	452						
1409283 FRIESEN AVALANCHE KING.....		1	19	1-46	19	3.1	16,024	3.51	563	6	27	+334	-.03	+8	+15
09-22-60 1192325 4767112 5-71					14		14,876	3.61	537						
1409357 HAYSSEN FIELDMASTER.....*		12	2	5-21,32,	19	2.6	15,187	3.75	570	7	53	-61	+.04	+3	+1
09-03-61 1243697 3184976 5-71				35,41,61	19		15,454	3.70	572						
1409365 GA-MEADOW HIGH BALL.....*		4	7	2-91,92	12	1.8	11,729	3.58	420	17	28	-394	+.03	-10	-19
02-06-61 1315998 3103086 1-71					21		13,073	3.50	457						
1409413 DON AUGUR GRA8ERS PREMIUM.....*		3	9	2-35,42	13	2.9	16,779	3.61	605	8	29	+363	.00	+13	+20
11-12-59 1343126 3776744 5-71					11		15,719	3.61	567						

REGISTRATION NUMBER / NAME / DOB	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1409415 RO-8AR 8URKE IOEAL ELDON.....*		4	7	2-41,42	12	2.4	15,907	3.48	554	0	30		+322	-.03	+7	+14
10-04-61 1370339 4827801 5-71					12		14,929	3.56	532							
1409425 HOWVALE RAVEN VICTOR.....		2	17	2-13,41	19	3.0	12,541	3.83	480	0	29		-406	+.05	-8	-17
09-12-61 1326606 4467326 5-71					15		13,950	3.66	511							
1409438 ROCK RIVER PACEMAKER.....	91-11	66	3	7-23,33,	106	1.8	12,419	3.65	453	19	83		-568	+.03	-17	-29
10-30-61 1355376 3740521 5-71				42,46,73	15		13,009	3.63	472							
1409448 8RIGEEN GOLOEN AOVANCER.....*		4	27	1-13	48	3.1	14,373	3.40	488	3	42		-142	-.01	-7	-9
11-03-59 1170426 4391338 5-71					8		14,803	3.43	508							
1409452 IOAHO 8URKGOV.....	41-01	127	2	5-35,41,	177	2.0	13,896	3.59	499	13	90		-274	+.01	-9	-15
09-25-60 1223243 4507766 5-71				45,82,87	17		14,229	3.59	511							
1409457 NOTLIM SPRING ROCKY.....*		3	14	1-23	19	2.6	15,225	3.39	516	5	31		+130	-.07	-5	-1
05-03-61 1189870 5325148 5-71					6		14,908	3.62	540							
1409475 PA8ST AOMIRATION 8ELL.....*		8	13	4-35,41,	25	2.4	14,518	3.70	537	0	38		+226	-.04	+2	+8
07-12-61 1358647 4359024 5-71				63,65	25		13,914	3.85	536							
1409518 PINEHURST FO8ES PONTIAC.....*		3	20	3-35,52,	24	2.7	15,586	3.50	545	4	31		+257	.00	+9	+14
10-05-61 1257240 3143307 5-71				85	13		14,846	3.49	518							
1409536 JERGENS ROYAL LAOOIE-TWIN.....		1	21	1-41	21	1.5	14,833	3.38	501	**	24		-152	-.03	-9	-11
02-02-61 1305460 4647157 5-71					4		15,655	3.49	547							
1409537 JERGENS ROYAL LAD-TWIN.....*		3	12	2-41,45	16	2.3	10,501	3.28	344	36	28		-225	-.01	-10	-14
02-02-61 1305460 4647157 5-71					12		11,017	3.35	369							
1409555 USNAO ATHLONE CREAMELLE.....*		2	9	1-51	11	1.5	12,655	3.61	457	**	22		-96	-.01	-5	-7
09-06-61 1210078 3277708 5-71					73		12,994	3.69	480							
1409561 WIPLEOALE SCHOOLMASTER 8ARON..		2	8	1-52	11	3.3	11,888	3.46	411	0	29		-339	+.02	-9	-16
12-11-59 1181068 4268835 5-71					15		12,986	3.39	440							
1409602 8ONO LAKE RIOGES SUPREME.....*		8	4	4-12,13,	16	2.8	14,201	3.71	527	27	43		-570	+.03	-16	-28
10-26-60 010249633 011100045 5-71				14,16	16		15,691	3.65	572							
1409604 EVER MAY APPOLLA-TWIN.....*		3	12	1-92	16	3.3	15,610	3.90	609	0	31		+60	+.05	+9	+9
11-30-60 1336655 3868904 5-71					29		15,581	3.77	587							
1409660 CASH-MAR MAX SUPREME.....*		14	14	4-32,54,	50	1.8	14,505	3.44	499	11	51		-263	-.02	-12	-17
08-04-61 1382768 4669546 5-71				55,57	11		15,147	3.48	527							
1409678 WINFARM MOOEL ALOO.....*		1	67	1-21	67	2.7	14,933	3.60	537	6	30		+71	-.03	-1	+1
01-24-61 1154156 3333081 5-71					29		14,781	3.71	548							
1409681 SAXET MAJESTY JULE.....*		4	7	1-74	16	3.6	16,056	3.29	529	0	39		+613	-.05	+15	+28
04-07-60 1293580 3838625 5-71					21		14,544	3.37	490							
1409704 KOOI MAGIC FRANK.....*	93-05	3	11	1-93	15	2.3	17,996	3.70	666	10	28		+202	+.04	+13	+16
07-21-61 1138451 4022223 5-71					88		17,653	3.58	632							
1409707 WILLOMONTE RAVEN 8LENO NERO...*		3	9	2-88,93	17	2.5	15,475	3.42	529	7	35		+54	-.01	0	+1
12-22-59 1226862 3755667 5-71					25		15,475	3.44	533							
1409709 WILLOMONTE PHANTOM GENERAL....*		3	15	2-43,88	19	2.2	16,406	3.33	547	12	28		+258	-.01	+8	+13
01-22-61 1341571 3707851 5-71					15		15,665	3.32	520							
1409758 8ISHOP 8URKE 8ELLE OANOY.....*		3	5	1-13	12	2.8	15,051	3.67	552	0	35		+32	+.01	+2	+2
07-05-61 1232331 3625311 5-71					22		15,074	3.65	550							
1409780 CROCKER MASTER PLAN.....*	23-02	62	1	3-22,23,	77	2.2	13,858	3.78	524	8	82		-369	+.09	-1	-10
09-30-61 1121706 3512964 5-71				31	18		14,348	3.69	529							
1409781 CROCKER RABURKE A O K.....		1	22	1-31	22	1.6	12,562	3.60	452	44	24		-120	+.02	-2	-5
03-05-61 1113350 3407420 5-71					33		12,977	3.55	461							
1409789 CARNATION OE MAAS IOEAL.....*	35-05	29	3	4-33,35,	53	2.1	13,846	3.63	503	14	73		-609	-.02	-24	-36
07-29-61 1175596 4167206 5-71				42,74	22		14,766	3.66	541							
1409794 CARNATION IOEAL MASS IDOL.....	61-02	31	3	1-34	50	1.9	13,321	3.55	473	14	70		-106	+.01	-3	-5
10-24-61 1175596 4434218 5-71					20		13,422	3.55	476							
1409797 CARNATION ROYAL NO8ILITY-TWIN.*		12	2	5-22,23,	16	2.6	14,133	3.55	502	0	51		-96	-.09	-16	-16
06-22-61 1305460 3153486 5-71				50,51,73	21		14,365	3.75	538							
1409799 CARNATION ROYAL TRAOITION.....*	91-11	75	4	15-35,42,	161	1.8	14,854	3.55	528	14	87		+35	-.06	-7	-5
09-19-61 1305460 4440592 5-71				43,48,91	23		14,910	3.63	541							
1409817 WAL-CO-FARM PROFILE JOEL.....		1	22	1-57	22	2.6	14,852	3.76	558	5	27		+101	+.02	+7	+8
08-03-61 1344014 4855836 5-71					31		14,535	3.69	537							
1409838 CASH-MAR MAX JAMES.....*		3	4	1-32	10	2.2	13,859	4.13	572	11	31		-21	+.15	+20	+16
10-25-61 1382768 4051749 5-71					22		13,929	3.63	506							
1409853 FARMSTEAO ROYAL MICKEY.....*		1	11	1-34	11	2.1	12,636	3.28	414	20	22		+29	-.03	-3	-2
09-13-61 1354925 4721667 5-71					35		12,346	3.45	426							
1409875 WALLIE MELOOY LYON MAURITA....*		3	19	1-31	24	2.6	17,305	3.55	615	17	32		+461	-.06	+8	+19
04-09-61 1190632 4540406 5-71					11		16,053	3.74	600							
1409899 ELMER 8ROOK ROYAL WINOSOR.....*		2	40	2-21,50	52	1.4	12,515	3.57	447	13	31		-219	+.02	-5	-10
06-05-61 1349678 3895607 5-71					25		13,158	3.52	463							
1409925 FERRUM KORNOYKE IVANHOE.....*		10	1	2-52,55	12	2.4	13,984	3.40	476	22	43		+214	-.05	0	+6
09-12-61 1189870 4591966 5-71					27		13,439	3.53	475							
1410001 MT JOSEPH TIOY CENTENNIAL.....*		4	93	1-48	101	1.9	13,516	3.28	444	5	31		+162	-.03	+1	+5
04-22-61 1275764 2698557 5-71					55		12,880	3.37	434							
1410081 HOMEWORTH AOMIRAL SANOI.....*		1	17	1-31	17	1.9	14,511	3.69	535	18	24		-4	-.01	-1	-1
09-06-61 1287615 2888629 5-71					12		14,598	3.76	549							
1410096 GREEN ACRES REX OLIVER.....	35-75	15	3	3-31,35,	24	2.4	17,610	3.82	672	5	57		+705	+.13	+44	+55
12-17-60 1070036 3501455 5-71				93	69		16,640	3.63	604							
1410117 THONYMA LUCKY MOSE.....*	61-02	236	3	7-31,32,	417	1.1	15,094	3.66	553	11	94		+74	+.06	+11	+11
06-12-61 1196645 3735333 5-71				34,48,54	18		15,135	3.61	546							
1410126 N M A C CREATOR RAG APPLE.....*	91-11	1	24	1-85	24	2.3	16,968	3.16	537	4	27		+430	-.03	+11	+20
09-06-61 1274685 5131967 1-71					66		15,522	3.20	496							
1410164 SOVEREIGN ACHILLES.....*		4	13	1-35	31	2.0	14,359	3.60	517	3	41		+151	-.07	-5	0
02-06-61 1492073 5238920 5-71					13		13,994	3.82	535							
1410178 DIAMONO S MR CANVAR DEFIANCE..*		6	10	1-93	21	2.3	17,181	3.51	603	0	38		+20	-.01	-1	0
11-02-60 1327405 3726823 5-71					107		17,481	3.54	619							
1410205 ROSNI COUNCIL WORTHY ARIST....		4	24	1-55	33	1.6	13,853	3.79	525	26	31		-469	+.06	-9	-20
09-03-61 1124780 3509223 5-71					28		15,543	3.62	562							
1410211 JOHANNA PIE8E GRANO JOSE.....*		3	4	2-32,64	11	2.2	13,237	3.60	476	30	32		-120	.00	-5	-7
09-15-61 1224102 4136339 5-71					17		13,576	3.63	493							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1410231 LYMAR SEGIS RAVEN.....*		5	17	1-35	24	2.8	11,929	3.45	411		8	33	-271	-.05	-16	-20
06-25-60 1275577 3592796 5-71					9		12,612	3.63	458							
1410237 NUNESOALE HIGH MARK.....	91-11	4	22	2-61,93	43	2.3	18,207	3.84	699		3	41	+483	+.05	+24	+32
08-04-61 1376808 4594401 5-71					49		17,376	3.77	655							
1410270 RE-CHAR VEE KING.....*		3	23	1-33	44	2.4	13,754	3.72	512		10	41	+223	+.07	+18	+21
07-03-61 1364672 4181364 5-71					13		13,123	3.54	465							
1410332 KENIEL PIDON PILOT.....	87-01	62	1	4-41,45,	76	1.9	14,149	3.44	487		17	82	-109	-.11	-19	-19
05-29-61 1172396 4231661 5-71				82,87	16		14,321	3.58	512							
1410387 GAR-BAR-OALE BURKE KATE.....*	91-11	38	7	12-23,34,	79	1.8	15,746	3.54	557		16	72	+523	-.08	+8	+20
10-30-61 1113350 4477168 5-71				35,42,74	19		15,141	3.64	551							
1410401 ELMOKA HOMESTEAD ABNER.....*		14	4	4-23,35,	34	1.9	13,246	3.37	446		25	59	-449	-.12	-33	-39
09-27-61 1257762 3136542 5-71				65,74	17		14,021	3.59	504							
1410419 TEXANS ROYAL SUPERB MASTER....		2	21	1-74	26	2.0	10,332	3.44	355		21	30	-657	+.02	-21	-34
10-18-61 1383398 3593455 5-71					20		12,391	3.38	419							
1410449 MACKSIMUM FOND FORMULA.....		2	15	2-48,84	17	2.2	13,685	3.59	491		**	27	+5	.00	0	0
10-22-61 1243697 4874651 5-71					73		13,637	3.62	494							
1410493 SIR FOBES OSBORNOALE DAN.....*		7	2	1-21	10	2.0	15,299	3.76	575		0	35	+179	+.10	+21	+22
10-23-61 1189870 4398108 5-71					15		14,879	3.47	517							
1410503 RAY DISTINCTION.....		1	18	1-41	18	2.9	13,486	3.28	442		12	27	+134	-.06	-3	+1
09-22-61 1351709 3724246 5-71					16		12,872	3.53	454							
1410506 IRVINGTON ADMIRAL SCOT-TWIN...*	51-02	125	2	6-23,43,	177	2.3	12,818	3.54	454		14	91	-1,014	-.13	-54	-71
08-17-61 1237057 3309584 5-71				51,52,54	22		13,932	3.70	516							
1410507 IRVINGTON ADMIRAL SEYMOUR-TWIN*		3	6	2-51,55	11	2.8	14,248	3.59	511		10	31	-202	-.03	-11	-14
08-17-61 1237057 3309584 5-71					48		15,023	3.69	555							
1410509 IRVINGTON ADMIRAL REX.....*		1	25	1-51	25	2.5	14,437	3.36	485		**	28	+375	-.05	+6	+15
09-15-61 1237057 3269077 5-71					52		12,983	3.54	460							
1410510 IRVINGTON BRIGADIER.....*		5	6	2-23,51	15	1.9	14,978	3.58	536		33	34	+127	-.03	+1	+4
10-18-61 1237057 3979711 5-71					70		14,676	3.65	535							
1410581 HOCKINGVALE ARISTOCRAT BURKE..		1	11	1-31	11	2.0	11,979	3.64	436		0	21	-204	+.03	-3	-8
08-11-60 1124780 4061292 5-71					11		12,830	3.49	448							
1410599 FOHON CARNATION CHAMPION.....*		4	15	1-41	30	2.3	14,078	3.43	483		18	39	-177	-.03	-10	-13
08-31-60 1259881 4419506 5-71					14		14,596	3.51	513							
1410603 CREATOR LOOESTAR R A.....*	35-21	79	8	7-35,41,	139	1.4	14,374	3.78	544		18	79	-147	+.10	+8	+3
10-24-60 010249530 010871199 5-71				42,43,47	20		14,632	3.67	537							
1410604 GLENAFTON RAG APPLE MILESTONE.*		7	7	1-41	20	2.4	14,535	3.85	560		20	41	-299	+.08	0	-8
03-24-61 1243697 010968594 5-71					15		15,413	3.67	565							
1410605 BONO HAVEN RAG APPLE PRIDE....*		6	19	3-35,52,	31	2.3	12,716	3.58	455		6	36	-584	+.03	-17	-29
03-17-61 010249530 010816269 5-71				63	12		14,366	3.51	504							
1410617 NABERTA FARM M DUKE.....		1	12	1-11	12	2.0	15,164	3.78	573		0	23	+69	.00	+2	+3
10-29-61 1211384 4561481 5-71					15		14,964	3.81	570							
1410641 NSH MULET PARADER FLIT.....		2	22	1-47	38	2.0	13,883	3.90	541		9	37	-136	+.04	0	-4
10-20-61 1285154 4291743 5-71					35		14,294	3.81	545							
1410648 GLEN TOCTIN PAT.....		1	11	1-51	11	3.1	12,807	3.29	421		0	25	+41	-.04	-4	-2
05-29-61 1308044 4296734 5-71					10		12,497	3.49	436							
1410660 ROYAL RAG APPLE ORMSBY LAD.....		2	13	1-23	15	3.1	12,437	3.51	437		13	28	-141	-.01	-6	-9
11-16-61 1019118 4465000 5-71					18		12,835	3.55	456							
1410703 USNAO ADMIRAL GERBEN.....*		2	15	2-23,51	17	1.7	13,623	3.70	504		**	25	+108	+.01	+5	+7
10-23-61 1210078 4070991 5-71					71		13,106	3.69	484							
1410704 USNAO GRAY VIEW POSCH.....*		3	25	2-23,51	32	1.8	12,946	3.62	468		**	31	-117	-.02	-7	-9
05-27-61 1244845 3502547 5-71					63		13,265	3.72	493							
1410708 GREENWOOD BARUCH.....*		10	7	5-21,22,	25	1.9	17,142	3.73	639		13	45	+432	+.07	+25	+32
05-22-61 1316590 4029136 5-71				23,32,50	19		16,441	3.60	592							
1410733 FOREST GREENE SEARS MARY.....	35-75	32	2	7-21,32,	51	2.5	17,438	3.57	622		0	75	+912	-.03	+28	+47
09-05-61 1085978 4062904 5-71				35,55,93	67		16,474	3.61	594							
1410734 FOREST GREENE SEARS IMPERIAL..*		1	28	1-21	28	2.5	14,991	3.37	505		9	28	+267	-.05	+3	+9
10-05-61 1085978 4573312 5-71					17		14,045	3.52	495							
1410735 FOREST GREENE MAX BONHEUR.....*		3	10	1-21	15	2.6	15,427	3.38	521		21	31	-441	-.04	-21	-29
11-05-61 1382768 4677046 5-71					15		17,191	3.50	602							
1410740 LONE TREE INVINCIBLE SKYLINER.*		9	3	4-32,33,	17	1.8	15,491	3.36	521		18	45	+571	-.15	-1	+14
11-02-61 1244845 4574691 5-71				42,47	15		14,259	3.70	528							
1410773 MAUR-LINO ANSON V FLIPPO.....*		5	30	1-93	39	2.6	16,191	3.26	528		21	34	-39	-.08	-12	-11
10-19-61 1314880 4609131 5-71					85		16,572	3.46	574							
1410792 THONYMA MARQUIS.....		10	18	4-35,48,	35	2.5	14,483	3.81	552		13	40	-508	+.05	-12	-23
02-03-61 1013415 4204564 5-71				73,84	21		15,950	3.72	594							
1410795 CADET RAVEN KING.....*		2	20	1-31	22	2.3	13,252	3.65	484		5	28	-197	.00	-7	-11
01-18-61 1203713 3885834 5-71					19		13,968	3.67	512							
1410800 KNOLLWOOD REFLECTION.....*		1	18	1-32	18	2.7	14,876	3.67	546		11	27	-171	-.02	-9	-12
06-30-61 1298430 3681424 5-71					7		15,699	3.78	593							
1410828 EDELMA RAVEN BEN.....*		4	8	1-42	20	2.6	12,638	3.91	494		16	41	-385	+.10	0	-10
08-13-61 1183498 3968119 5-71					9		13,546	3.67	497							
1410842 LOCHEVALE PHIL WALLIE.....*		1	29	1-31	29	2.5	14,490	3.46	502		14	28	+41	-.04	-4	-2
03-03-61 1190632 3770995 5-71					24		14,387	3.63	522							
1410844 LOCHEVALE LOWELL MAGIC-TWIN...*		1	35	1-31	35	1.6	13,556	3.53	478		18	25	+177	-.05	0	+5
03-06-61 1138451 4303473 5-71					39		12,734	3.72	474							
1410848 OATS FARM PRIDE ORMSBY.....*		3	9	2-88,93	18	2.2	16,081	3.55	571		13	35	-2	-.06	-8	-7
07-25-61 1315498 4995382 5-71					17		16,327	3.72	608							
1410873 SANMARGALE RBI MERIT.....*		4	16	1-31	21	2.0	14,629	3.64	532		0	30	+139	-.01	+4	+7
10-21-60 1113350 4439695 5-71					71		14,182	3.68	522							
1410879 MI-OELO RIPPER CHERRYBOLO.....*		3	13	1-35	17	3.3	15,227	3.92	597		0	31	+228	+.11	+24	+26
08-15-61 1211183 3932590 5-71					13		14,546	3.58	521							
1410917 FLOWER TIDY ORMSBY.....*		2	22	1-47	24	2.3	14,586	3.83	558		35	27	-217	+.02	-5	-10
07-24-61 1192193 4301900 5-71					59		15,545	3.79	589							
1410935 EE-DAH-HOW REFLECTOR TOMAHAWK.*		5	7	1-82	22	2.2	14,313	3.47	497		18	43	-326	+.03	-7	-14
10-31-60 1298430 4834663 5-71					22		15,210	3.40	517							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1410965 JUNIOR CENTER FIELD COLONEL...*		2	12	1-52	14	2.5	13,195	3.69	487		8	27	+5	-.02	-3	-2
08-30-61 1267804 4517943 5-71					10		13,091	3.83	502							
1410972 SILVER SHADE KING IVANHOE.....*	21-10	28	9	7-11,12,	58	2.0	15,673	3.66	574		14	62	+33	-.01	0	+1
10-04-61 1189870 4183253 5-71				13,15,21	26		15,806	3.69	584							
1410978 KNOLLTOP AUDACIOUS MERRITT....*		4	13	1-34	18	2.7	15,457	3.75	579		7	32	-273	+.01	-8	-14
09-01-61 1237747 4899045 5-71					19		16,587	3.74	620							
1410984 PENSTATE STAR MAN.....*	33-03	2,472	5	47-21,23,	5,423	1.6	14,471	3.70	535		13	99	-340	+.08	-2	-10
06-08-61 1189870 2569786 5-71				33,35,41	23		14,911	3.63	542							
1410991 LAKEVALE JACK PABST-TWIN.....		4	7	1-33	19	2.2	15,358	3.69	566		0	38	+397	.00	+15	+23
10-22-60 1369529 4087947 5-71					12		14,366	3.68	529							
1411010 VIEW KNOLL GOVERNOR SKYLINER..*		2	35	1-42	39	2.8	13,353	3.80	508		3	32	-20	+.01	+1	0
09-29-61 1244845 4272502 5-71					30		13,362	3.79	506							
1411020 OLIEN OSBORN AGAIN ATHLONE....*		6	10	4-23,32,	18	2.1	12,490	3.97	496		6	34	-268	+.06	-1	-8
09-30-61 1210078 4391716 5-71				34,57	10		13,222	3.80	502							
1411026 PINEYHILL GALAXY.....*	23-13	588	7	11-14,21,	1,567	1.8	14,707	3.77	554		11	98	-23	+.06	+7	+5
05-28-61 010260315 3235970 5-71				22,23,55	21		14,819	3.72	552							
1411027 CLOYDALE CENTURION SUPREME....*		1	15	1-21	15	2.6	11,399	3.61	412		15	25	-47	+.02	+1	0
11-12-61 010239301 4753263 5-71					26		11,330	3.50	397							
1411036 SEWARDS SKYBOY STAROUST LILITH*		4	9	2-35,74	17	3.1	13,406	3.64	488		19	35	+124	-.02	+1	+4
12-05-59 1242667 3270174 5-71					32		12,957	3.73	483							
1411046 FORT MADISON OLLIE TREASURE...*	42-08	8	5	2-23,42	16	2.8	13,753	3.57	491		0	42	-151	-.03	-9	-11
01-11-61 1182598 4208969 5-71					23		14,135	3.66	517							
1411048 LAVACRES POLLY KIP-TWIN.....*		3	10	2-35,74	14	2.4	16,705	3.59	599		23	28	-142	-.04	-10	-12
08-25-61 1382958 4044988 5-71					23		17,589	3.72	655							
1411067 ATHLONE SUPREME.....*		3	17	1-42	21	2.3	15,141	3.72	564		26	29	-187	+.02	-4	-8
11-02-61 1250992 4034327 5-71					9		16,001	3.70	592							
1411075 BAKER SOVEREIGN ROYAL MASTER..*		7	4	5-16,21,	12	3.3	14,751	3.60	531		20	39	+74	-.02	0	+2
01-31-60 1305460 011281516 5-71				31,34,61	55		14,629	3.66	535							
1411148 ROCK RIVER TALISMAN.....*		2	13	2-35,43	15	2.9	14,548	3.47	505		20	27	+50	-.03	-3	-1
09-17-61 1278459 4864401 5-71					21		14,413	3.63	523							
1411153 LYON BROOK LINDENWOOD IVAN....*		2	10	2-31,56	12	2.2	13,684	3.86	528		30	25	-280	+.07	-1	-8
10-28-61 1189870 4420261 5-71					17		14,906	3.62	539							
1411181 WOLFFS WALLIE SNOWMAN.....		3	19	1-33	24	2.6	12,617	3.78	477		9	32	-478	+.05	-11	-22
08-23-61 1190632 4387519 5-71					16		14,144	3.64	515							
1411187 SUNNYMEDE RAG APPLE COUNT.....*		5	7	2-74,85	16	2.1	14,898	3.10	462		6	36	+266	-.12	-8	0
06-24-61 1210507 3909404 5-71					48		14,173	3.43	486							
1411203 PALTZER ORMSBY PABST REGAL JO.		1	32	1-35	32	2.0	14,224	4.16	592		5	27	+139	+.11	+20	+20
09-17-61 1258673 4311872 5-71					3		13,677	3.79	518							
1411214 COUNCIL ROCK IVANHOE.....	21-10	479	6	11-11,13,	1,259	1.8	14,824	3.71	550		11	98	+129	+.03	+9	+11
08-20-61 1189870 2778890 9-70				14,16,21	20		14,775	3.69	545							
1411224 WOODSIDE FARM TY VIC BELLE....*	23-11	105	2	3-21,22,	160	2.5	15,327	3.58	548		9	90	+378	-.08	+2	+11
08-29-61 1038509 4612328 5-71				23	21		15,016	3.67	551							
1411228 SUNNYSIDE LEADER APOLLYON.....*	41-25	4	21	2-35,41	28	2.4	15,677	3.81	597		8	33	+482	-.04	+12	+22
07-20-61 1242338 3745107 5-71					6		14,222	3.97	565							
1411230 SUNNYSIDE MONTVIC CHIEF.....	41-01	120	2	7-35,41,	165	1.6	14,851	3.70	550		14	89	+254	+.10	+23	+26
10-08-61 1242338 3492766 5-71				45,46,87	17		14,634	3.59	526							
1411312 BURKE HAMMERHEAD CHIEF.....		3	31	1-48	37	3.2	14,299	3.69	527		0	33	-95	.00	-3	-5
11-10-60 1323988 3348173 5-71					11		14,660	3.70	543							
1411359 LARIGAN CAROL GINGER BURKE....		5	12	1-35	40	2.4	12,959	3.77	488		0	50	-321	+.06	-3	-11
05-18-61 1258673 4184714 5-71					11		13,563	3.66	496							
1411366 SHANGHIGH DOUBLE EXEC JACK....		40	2	5-13,14,	53	2.1	14,204	3.82	542		35	74	-365	+.13	+4	-6
12-09-60 1090258 3606298 5-71				16,57,61	24		14,781	3.66	541							
1411369 DUKE REGAL JERRY.....*		1	12	1-42	12	1.8	14,461	3.85	557		**	22	-124	+.05	+3	-1
12-06-61 1329812 4117112 5-71					6		15,164	3.61	547							
1411405 ZIMMERMAN PILOT STAR ALY.....*		2	12	1-21	17	3.1	17,427	3.90	679		12	32	+502	+.06	+27	+35
01-05-61 1261857 4196430 5-71					23		16,072	3.77	606							
1411407 ZIMMERMAN TYSTAR PAT.....*		1	29	1-22	29	2.4	13,918	3.89	542		12	28	-176	+.05	0	-5
11-06-60 1360676 4930504 5-71					5		14,631	3.75	549							
1411432 SPY ROCK JULES IVANHOE.....*		11	12	2-11,16	37	2.4	14,870	3.67	546		14	49	-30	+.01	+1	0
09-14-61 1189870 4386497 5-71					39		15,043	3.64	548							
1411458 TAGALONG CUPID MODEL.....	41-01	126	2	7-41,42,	178	1.8	14,350	3.59	515		11	90	-115	+.03	0	-3
10-18-61 1223243 3830787 5-71				45,82,87	16		14,538	3.56	518							
1411494 SKOKIE SENSATION IDAHO.....*		1	22	1-42	22	2.2	11,674	3.41	398		38	26	-457	-.02	-19	-28
10-20-61 1267271 3332177 5-71					15		13,401	3.52	472							
1411506 COZY GROVE CRESCENT TRIUMPH...*		7	36	5-35,43,	52	2.3	12,128	3.58	434		18	36	-452	-.06	-24	-32
07-01-61 1316533 4355379 5-71				63,72,73	30		13,329	3.78	504							
1411511 FRENCH FARMS BENEDICTION.....*		1	14	1-43	14	2.9	14,550	3.71	540		0	26	+20	+.03	+5	+5
06-15-61 1199324 2965039 5-71					26		14,530	3.61	524							
1411516 FORESTBOLD CORRINE SENATOR....		1	18	1-35	18	2.4	13,977	3.38	472		10	26	+12	-.05	-6	-5
11-16-60 1146607 3868644 5-71					16		13,930	3.59	500							
1411576 B D I ARISTOCRAT CHARLIE-TWIN.		2	16	1-51	32	2.0	13,997	3.58	501		7	39	+35	-.01	0	+1
08-03-61 1124780 3194282 5-71					21		13,903	3.60	501							
1411577 B O I ARISTOCRAT CEORIC.....*		8	10	2-52,55	30	1.9	13,856	3.62	502		27	45	-593	+.03	-17	-29
09-20-61 1124780 4445875 5-71					70		15,320	3.57	547							
1411590 COTTERDALE IVANHOE SUPREME....*		12	2	2-21,55	19	2.6	13,854	3.57	495		21	53	-504	-.01	-19	-29
08-12-61 1189870 3995061 5-71					21		14,910	3.59	536							
1411631 SKYWAY E S OSCAR.....*		6	4	2-13,93	15	2.3	15,371	3.45	530		25	40	-74	-.03	-7	-8
07-07-61 1344345 4595319 5-71					29		15,739	3.52	554							
1411641 NACHES CARNATION MAOCAP.....*		4	29	2-23,34	36	2.4	11,566	3.29	380		7	32	-384	-.07	-23	-29
07-05-61 1354288 4918132 5-71					32		12,621	3.57	450							
1411642 ELMVALE DEMONSTRATOR.....*		2	36	1-21	40	2.8	12,635	3.70	467		13	31	-598	+.06	-13	-26
10-22-61 1224259 3685152 5-71					10		14,624	3.51	514							
1411666 MAN-O-WAR B F CRESCENT JUNIOR.*		2	15	1-41	19	1.6	17,553	3.43	602		7	26	+389	+.01	+15	+23
10-29-61 1188731 3990976 5-71					12		16,315	3.38	551							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... OAUS HM/OAU	REC/OAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1411695 EMMONS NOEL CHRIS.....*		10	16	1-34	35	1.7	14,287	3.77	539		0	40	+248	+.03	+13	+17
08-08-61 1315498 3668205 5-71					17		13,634	3.71	506							
1411710 PRINCE MASTER PRUOY.....		1	29	1-47	29	2.6	16,159	3.64	588		19	28	+272	-.03	+6	+12
11-09-59 1291791 4106578 5-71					23		15,324	3.73	572							
1411729 WINNEBAGO OYNAMO PRIOE.....*		5	20	1-35	30	2.4	14,384	3.84	553		7	35	+171	+.02	+9	+12
08-14-61 1288311 3922692 5-71					35		13,893	3.81	530							
1411734 MAYERS DUKE JUST RIGHT.....*		9	13	1-34	42	2.1	13,533	3.80	514		23	49	-849	+.10	-18	-37
08-05-61 1293580 3712504 5-71					26		15,399	3.62	557							
1411747 FLOWER JO BURKE COLANTHA LAD..*		3	22	1-47	26	1.9	13,618	3.99	543		36	28	-529	+.07	-10	-22
05-01-61 1238933 3998091 5-71					62		15,715	3.77	592							
1411766 MELLO-VAR IVANHOE ROYAL.....*		3	44	2-31,32	48	2.8	13,829	3.92	542		0	31	-268	+.11	+5	-3
10-24-61 1189870 4341713 5-71					9		14,770	3.58	529							
1411779 GAMBOLING MODEL D 8 A8-TWIN...*		5	7	4-34,35,	20	1.5	13,983	3.89	544		24	37	-334	+.06	-4	-12
08-13-61 1148993 4608010 5-71				48,61	14		14,998	3.75	563							
1411800 WESTFALL SCHOOLMASTER PHARAOH.*		3	8	1-22	16	2.9	17,049	3.72	635		6	36	+70	+.04	+8	+8
10-29-61 1181068 4929971 5-71					30		17,179	3.63	624							
1411801 TERRY SEARS QUEEN.....*		2	25	1-21	39	2.8	14,386	3.45	496		10	38	+252	-.05	+2	+8
04-11-61 1085978 4337186 5-71					19		13,697	3.57	489							
1411856 WHITE PLAINS PACER ECHO.....		1	47	1-56	47	1.5	15,949	3.45	550		8	26	+213	-.01	+6	+11
11-10-61 1398286 4641485 5-71					21		15,254	3.47	529							
1411876 SHAOEL SUPREME CRUSAOER.....*		2	13	1-35	16	2.1	14,511	3.98	578		15	27	-146	+.05	+2	-2
12-28-60 1179373 3963047 5-71					25		15,182	3.81	579							
1411892 ROLLING KNOLL MATORIAS.....*		5	3	1-51	12	1.7	13,766	3.60	496		**	35	-31	.00	-1	-2
05-19-61 976710 2904186 5-71					14		13,850	3.62	501							
1411893 ROLLING KNOLL CROSS WINTORIAS.*		3	23	1-51	29	2.4	12,145	3.53	429		18	31	-221	-.03	-12	-16
08-14-61 1216872 3788412 5-71					21		12,741	3.67	468							
1411894 ROLLING KNOLL WINTORIAS MASTER*		2	18	1-51	20	2.2	12,121	3.70	449		11	27	-366	+.01	-12	-19
10-01-61 1266243 3592865 5-71					17		13,434	3.70	497							
1411901 PIEBE ORLEANS BURKE MOSE.....*		5	14	3-52,54,	21	2.2	13,230	3.73	493		21	32	-276	.00	-10	-15
11-12-60 1196645 3319136 5-71				55	31		14,123	3.75	530							
1411932 PEMWOOD LEADER ERICK.....*		3	10	2-32,51	26	1.9	12,751	3.87	494		11	41	-600	+.07	-12	-26
07-17-61 1320827 4687944 5-71					13		14,262	3.71	529							
1411937 FERNBRIDGE MAPLE LAWN ED.....*		4	24	1-21	43	2.3	13,666	3.25	444		8	40	-25	-.03	-5	-5
11-01-61 1285952 4519034 5-71					13		13,709	3.31	454							
1411971 PHIL-TON SEGIS FEMCO SCOT-TWIN*		7	3	3-41,42,	11	3.2	15,983	3.56	569		11	39	+222	-.01	+6	+11
10-14-61 1258673 3201380 5-71				46	9		15,574	3.60	560							
1411975 LONBRIK CHAMP.....*		1	47	1-91	47	2.2	13,979	3.65	510		0	28	+13	+.01	+2	+2
03-26-61 1245779 3794197 5-71					43		13,932	3.60	501							
1411988 S & W LEADER JENNY DE KOL.....*		5	11	1-32	39	2.8	13,933	3.75	522		13	52	+24	.00	+1	+1
01-18-60 1262705 4284271 5-71					25		13,881	3.76	522							
1411990 AJRF OAWN LANA LAO.....		3	33	1-93	45	1.6	15,354	3.41	523		25	32	-338	-.01	-13	-20
07-18-61 1291500 3832324 5-71					96		16,689	3.45	575							
1412021 THONYMA BLACK LAO.....*		1	46	1-43	46	1.8	10,446	3.56	372		**	27	-191	+.01	-6	-10
10-28-61 1271122 4951248 5-71					22		10,857	3.55	385							
1412033 NACHES ROYAL TOPPER.....		2	.8	1-91	11	1.3	12,553	3.57	448		27	23	-457	+.01	-15	-24
11-22-61 1359798 3765728 5-71					10		14,590	3.54	517							
1412049 CO-PO BURKE FOBES.....*		1	26	1-52	26	2.5	16,717	3.52	588		17	27	+343	-.05	+5	+13
08-06-61 1189679 4619923 5-71					10		15,628	3.70	578							
1412080 SHAWS PILOT VEEMAN.....*		1	19	1-11	19	2.4	14,868	3.51	522		26	26	-25	+.01	0	-1
11-18-61 1287412 4676148 5-71					14		15,085	3.51	530							
1412106 PAWNEE FARM ROYAL MASTER.....*		4	87	2-43,48	93	1.8	13,324	3.74	498		**	29	+11	+.04	+6	+5
05-03-61 1305460 3922839 5-71					52		13,212	3.59	474							
1412108 MACSFARM ECHO BARNABAS-TWIN...*		1	12	1-21	12	2.9	15,931	3.50	558		9	25	+217	-.04	+2	+7
04-06-61 1227400 3101766 5-71					24		15,187	3.66	556							
1412122 THONYMA CHARLIE.....*		8	4	3-22,51,	19	2.6	13,873	3.76	521		6	48	-317	+.02	-9	-16
07-22-61 1113350 4240668 5-71				54	55		14,597	3.73	545							
1412123 THONYMA PONTIAC SENATOR.....*		6	14	1-47	34	2.3	14,939	3.62	541		3	44	+291	-.03	+6	+13
06-07-61 1196645 4613999 5-71					16		14,314	3.70	529							
1412128 WINTERCREST SUNLINER.....	21-10	447	4	10-11,13,	918	2.0	15,248	3.56	543		12	98	+368	-.09	0	+10
08-11-61 1038509 3813482 5-71				14,16,21	22		14,974	3.67	549							
1412162 ELMER BROOK HI HOPE PIEBE.....		2	14	1-35	27	2.6	15,294	3.71	568		16	39	+298	+.03	+15	+20
08-10-61 1248442 2853593 5-71					7		14,599	3.66	534							
1412181 ELMTREE ROB-LOR MAX.....		1	25	1-21	25	1.6	13,702	3.55	487		25	25	-105	+.01	-3	-5
11-17-61 1382768 4697408 5-71					117		14,153	3.55	502							
1412216 ROUND OAK IVANHOE CENTURIAN...*		2	19	1-52	27	2.0	13,912	3.82	532		7	32	+198	+.01	+8	+12
07-20-61 1189870 3757934 5-71					19		13,220	3.84	507							
1412259 KNOLLWOOD INKA REFLECTOR.....*		8	19	1-21	37	2.9	17,450	3.46	603		6	42	+197	-.05	0	+5
05-08-61 1298430 4032197 5-71					24		17,318	3.56	617							
1412283 ELM RIDGE MAPLE OU VAR.....*		1	14	1-35	14	2.4	14,777	3.53	521		15	25	+197	-.04	+1	+6
08-03-61 1386406 4850296 1-71					41		13,982	3.70	517							
1412301 HERCHENHAHN JUPITER DUKE.....*	65-02	2	11	1-65	13	2.1	13,958	3.50	488		27	25	-197	+.01	-6	-10
12-20-61 1337271 4569292 5-71					30		14,843	3.50	519							
1412309 MAPLE PATH IVANHOE BEAUTY.....*		4	34	2-51,54	41	2.6	13,401	3.94	528		4	33	-385	+.09	-2	-12
08-07-61 1189870 4721953 5-71					29		14,639	3.70	542							
1412325 DONDELL MODEL BOY JOE.....		1	34	1-48	34	2.5	13,454	3.64	490		**	29	-158	-.02	-8	-11
10-27-61 1296714 4103533 5-71					2		14,018	3.75	525							
1412371 MANCRYCO MAPLE DIAMOND.....*		1	16	1-42	16	2.6	11,639	3.86	449		25	25	-388	+.07	-4	-13
08-20-61 1368024 3455307 5-71					16		13,100	3.54	464							
1412375 BUDD FARM HONOR TED.....		1	18	1-34	18	2.4	15,723	3.48	547		12	26	+479	-.04	+11	+22
10-05-61 1372643 5054210 5-71					3		13,872	3.64	505							
1412376 BUDD FARM HIGH ARTIST.....		1	45	1-34	45	2.0	16,185	3.50	567		21	28	+139	-.02	+2	+5
11-14-61 1372643 5025310 5-71					19		15,873	3.57	566							
1412385 NOWISCO ESTHER MAKIDA.....		1	17	1-35	17	1.8	12,892	3.50	451		13	23	-187	-.06	-15	-17
07-14-61 1328498 4983480 5-71					11		13,675	3.81	521							

REGISTRATION NUMBER NAME OF BULL	STUO CODE	NUMBER OF HEROS	EFF OAU /HO	STATES NO- WITH MOST OAUS	... OAUGHTERS AND HEROMATES ... OAUS	REC/OAU HEROMATE	MILK HM/OAU	% MILK	FAT	% FAT	1ST INC	REPT %	PREOICTEO DIFFERENCES MILK	%	FAT	$$
1412386 NOWISCO MAKIOA.....		1	18	1-35	18	2.4	15,828	3.50	554		6	26	-132	-.05	-12	-13
07-29-61 1328498 4864075 5-71					16		16,608	3.70	615							
1412398 JONAVAN PUGET BARNEY.....*		1	18	1-34	18	2.3	15,997	3.46	554		24	25	+424	-.04	+10	+19
10-24-61 1214152 4901773 5-71					9		14,372	3.59	516							
1412401 CARLINS HILLTOP IOEAL OUSTY...*		2	27	1-48	45	2.2	15,419	3.53	544		6	37	-26	-.02	-4	-4
06-18-61 1113350 4269077 5-71					9		15,663	3.59	562							
1412432 HAYSSEN MR A8C.....*		15	5	7-31,32,	32	2.0	15,886	3.69	586		7	57	+334	.00	+12	+19
10-30-61 010260599 4499730 5-71				33,34,35	18		15,452	3.70	572							
1412433 PA8ST A ONE.....*	33-03	582	2	37-21,23,	852	1.7	13,283	3.85	512		18	98	-1,139	+.24	-11	-39
11-29-61 1237747 3375453 9-70				31,35,41	21		14,505	3.63	527							
1412449 OEWMERE AOMIRAL EARL.....*		2	18	1-42	20	2.7	13,798	3.67	506		30	28	-125	+.03	-1	-4
08-27-61 1236579 4186790 5-71					19		14,291	3.60	514							
1412487 SCO8AR WORTHY KAISER.....*		8	16	2-21,23	32	2.5	14,843	3.55	527		15	41	+7	-.01	-1	-1
10-27-60 1124780 3485974 5-71					22		14,924	3.58	535							
1412505 CRESTMERE IOEAL MAN.....		4	6	3-52,82,	11	2.3	15,021	3.59	540		0	29	-551	+.03	-16	-28
12-07-61 1175596 5066287 1-71				93	26		17,228	3.52	607							
1412516 LAVACRES POLLY PRINCE.....		2	25	1-93	33	1.9	15,579	3.67	572		15	31	-521	+.05	-12	-23
08-03-61 1382958 4270996 5-71					54		17,609	3.56	627							
1412544 WALHOWDON VERNON KNIGHT.....*		2	22	2-12,16	24	1.5	13,505	3.61	487		38	25	+318	-.02	+8	+15
09-17-61 1246708 3320724 5-71					13		12,060	3.75	452							
1412554 RO8ENSTEAD CRITERION.....*		2	11	1-21	17	2.7	13,061	3.69	482		12	32	-91	+.02	0	-2
12-16-61 1244844 3907168 5-71					55		13,280	3.60	478							
1412561 CLOVERTOP FO8ES SUPREME.....*		4	10	1-14	15	2.3	14,781	3.80	561		20	30	-245	+.01	-7	-12
08-06-61 1210050 4253609 5-71					10		15,787	3.79	598							
1412565 DISTINCTION PRINCE 8UTTER 8OY.*		4	15	3-35,41,	20	2.3	13,150	3.67	483		17	30	+127	.00	+4	+7
05-01-61 1368957 4523568 5-71				57	18		12,593	3.71	467							
1412575 CHURCHOLM ASTRONAUT.....*		1	12	1-21	12	3.6	15,686	3.54	556		18	26	+191	-.03	+3	+7
11-08-60 1144239 4596775 5-71					14		15,049	3.64	548							
1412595 SKYLANE SUPREME MELODY.....		3	21	1-47	25	2.3	12,835	3.56	457		5	29	-164	.00	-6	-9
09-15-61 1382768 5025067 5-71					4		13,335	3.59	479							
1412599 KOOI MAX A8E.....*		7	29	3-47,74,	65	2.1	16,983	3.44	584		23	45	+170	-.04	0	+4
09-09-61 1382768 4055040 5-71				93	81		16,901	3.50	592							
1412611 FISHER FARMS IVAN.....*		4	22	1-21	42	1.5	14,053	3.67	516		24	37	-379	.00	-13	-21
10-05-61 1189870 3955728 5-71					24		15,198	3.67	558							
1412614 MACSFARM SKYLINER SCHOOLMASTER*		8	2	3-11,12,	11	2.0	13,356	3.69	493		0	38	-638	.00	-23	-36
12-03-61 1244845 3899849 5-71				13	21		15,168	3.70	561							
1412621 KERNDT PROFILE FO8ES.....*		1	30	1-42	30	2.3	9,616	3.64	350		0	28	-249	-.03	-13	-17
09-21-61 1169417 3759500 5-71					23		10,144	3.82	388							
1412625 WINTERTHUR IVANHOE KNIGHT QEUS*		2	9	2-23,52	16	2.3	12,586	3.83	482		27	33	-340	+.05	-6	-14
09-07-61 1189870 4766262 5-71					19		13,581	3.70	503							
1412682 ELMOKA HOMESTEAD O8IE.....*	35-05	21	3	3-33,35,	40	2.2	14,805	3.46	512		16	67	+594	-.11	+5	+20
11-25-61 1262987 3858510 5-71				63	16		13,913	3.62	504							
1412769 SMITHOLM REFLECTION LUWIS.....*		7	9	1-21	19	1.6	12,283	3.70	455		29	33	-598	+.04	-16	-29
09-28-61 1321903 4491122 5-71					15		14,102	3.60	508							
1412774 HARTLAND TRIUNE BEAUTY BOY....		1	12	1-34	12	2.1	14,297	3.64	520		18	23	+199	-.01	+6	+10
10-06-61 1341243 4569345 5-71					3		13,362	3.67	491							
1412782 GRAF ACRES CHIEF FO8ES.....*		1	13	1-34	13	3.2	12,100	3.79	459		0	26	-420	.00	-15	-23
12-23-61 1290181 4298627 5-71					35		13,694	3.82	523							
1412792 SAXOJAC ARNIE 8URCAR 8IG BOY..*		4	11	1-21	19	3.2	20,224	3.55	718		6	36	+576	+.02	+24	+35
11-26-61 1140763 4479207 5-71					23		19,140	3.49	668							
1412796 GRAY VIEW RAG APPLE SKYLARK...*		7	2	3-31,52,	11	2.6	14,736	3.52	518		0	41	+402	-.04	+9	+18
12-08-61 1378594 5088681 5-71				55	14		13,727	3.60	494							
1412808 WEED FARMS OON IRVING.....*		4	7	1-21	12	2.4	15,141	3.53	535		17	30	-344	-.02	-15	-21
08-14-61 1294527 2624471 5-71					16		16,552	3.62	599							
1412831 BERNOT DALE JASPER REFLECTION.*		3	20	2-35,57	24	2.5	14,423	3.46	499		22	29	+225	-.04	+3	+8
10-12-61 1383551 4221751 5-71					14		13,622	3.59	489							
1412861 O-GOOD REGENT.....*		4	5	2-33,55	12	3.1	13,757	3.79	522		0	37	-180	+.04	-1	-6
11-03-61 1263983 3937088 5-71					11		14,285	3.72	531							
1412873 CENTER FIELD TY VIC PRINCE....		2	18	1-52	26	1.6	13,342	3.72	496		23	30	-117	+.03	0	-3
10-31-61 1204669 4552022 5-71					16		13,708	3.63	497							
1412902 WILOTOP MAJOR.....*		2	16	1-31	18	2.3	12,769	3.71	474		28	27	-498	-.03	-22	-31
11-29-61 1382768 3430266 5-71					16		14,725	3.84	566							
1412933 MIOLAND MAGIC MERCURY LAD.....		5	7	2-35,93	18	1.6	15,763	3.71	585		10	35	-144	+.02	-3	-6
11-10-61 1138451 3307043 5-71					37		16,429	3.70	608							
1412987 HILL HEIGHTS CONQ BUDDY.....*		1	10	1-51	10	1.7	13,743	3.89	534		0	20	+40	.00	+2	+3
12-10-61 1314768 4574658 5-71					16		13,503	3.91	528							
1413027 EJLANE MIKE TRITON.....*		12	42	4-21,23,	70	2.3	14,063	3.64	512		11	40	+2	-.01	-1	-1
09-17-61 1378212 3870493 5-71				31,32	39		14,071	3.69	519							
1413035 LA MARY ORMSBY IDEOGRAPH.....*		4	14	3-82,84,	19	2.1	14,038	3.38	475		14	30	-125	+.01	-3	-6
06-08-60 1193456 4331285 5-71				93	14		14,520	3.35	487							
1413065 WINCOWIS CAPTAIN BURKE ORMSBY.*		5	22	2-35,65	31	2.6	13,595	3.49	475		7	34	-88	-.01	-4	-6
01-09-61 1144239 4914574 5-71					16		13,846	3.53	489							
1413080 LANCO IMPERIAL LEADER.....*		5	9	2-35,61	18	2.6	14,553	3.46	504		13	36	-241	-.08	-19	-22
07-03-61 1222726 3803727 5-71					9		15,363	3.69	567							
1413083 BRIGEEN MODEL PARAGON.....*	35-05	489	4	23-32,33,	1,136	1.6	14,238	3.74	532		13	98	-338	+.08	-1	-10
12-07-61 1148993 3862151 5-71				35,41,42	17		14,656	3.67	538							
1413087 BRIGEEN REVELATION.....*		12	22	4-11,13,	42	2.8	15,279	3.87	592		9	42	+12	+.05	+8	+7
10-17-61 1331228 4798808 5-71				14,55	29		15,396	3.77	580							
1413094 SNIPSIC TIOY PRANCER.....*		2	6	1-16	10	3.2	16,772	3.65	612		10	30	+53	+.02	+5	+6
07-05-61 1199077 4541233 5-71					64		16,888	3.59	607							
1413096 PEEL LODGE JOHANNA PLUS ECHO..*		5	20	2-13,21	34	2.3	15,731	3.65	574		17	37	+214	+.07	+17	+20
04-13-61 010266911 011247185 5-71					33		15,290	3.47	531							
1413112 KNOLLSIOE GOOD GOV CARL.....*		2	11	1-41	18	2.2	13,322	3.63	483		**	33	-34	-.01	-3	-3
09-20-61 1302331 4178116 5-71					10		13,372	3.70	495							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	DAUGHTERS AND HERDMATES DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1413117 MIL-KEY CREATOR.....*		1	21	1-91	21	2.4	16,973	3.56	605	14	25	+6	+.01	+1	+1
07-07-61 1142734 4890650 1-71					27		17,284	3.54	612						
1413124 PONDWAY CASH-MAR MARK.....*		1	10	1-31	10	2.0	13,073	3.31	433	40	21	0	-.05	-7	-6
11-29-61 1183958 3570580 9-70					11		12,982	3.58	465						
1413128 LYMANSTEAD BURKGOV IGGY.....*		5	10	1-23	17	1.8	13,551	4.11	557	20	31	-72	+.09	+10	+6
10-07-61 1038509 3988645 5-71					21		13,766	3.83	527						
1413133 WINTERTHUR MASTER EDEN QMASTER*		12	33	6-21,23,	54	1.9	14,985	3.64	546	29	37	-211	-.02	-11	-15
08-31-61 1305460 3942445 5-71				50,51,52	20		15,739	3.74	588						
1413145 REGAL CYCLONE IDEAL.....		1	18	1-41	18	2.6	13,529	3.58	484	22	26	-176	-.02	-9	-12
11-19-61 1215958 4304461 5-71					31		14,238	3.69	525						
1413159 DIAMOND J DUSTY BOLIVAR.....*	35-05	39	2	4-35,41,	58	2.1	14,085	3.60	507	23	77	-15	-.02	-4	-4
08-08-61 1205185 2854856 5-71				42,63	14		14,124	3.65	515						
1413165 FOREST LEE CENTURION ROCKET...	35-75	1,569	9	42-21,23,	3,342	1.2	15,708	3.41	536	12	99	+824	-.21	-1	+21
06-07-58 010239301 011093766 5-71				35,41,55	46		14,977	3.62	542						
1413168 WILBURHOLM KING INKARN.....*		3	11	2-21,23	19	2.4	13,695	3.59	492	**	33	-241	+.03	-4	-10
07-21-61 1077788 3371845 5-71					50		14,476	3.50	506						
1413178 HI HOPE RANCH IMPERIAL JERRY..*		1	32	1-93	32	2.0	14,524	3.41	495	16	27	+382	-.04	+8	+17
10-07-61 1138441 4798651 1-71					28		13,005	3.54	461						
1413193 COUNTRY JOE HARTOG REBEL.....		2	38	1-87	42	2.4	14,388	3.63	522	15	30	-183	+.08	+5	-1
03-25-61 1335627 4321675 5-71					41		15,123	3.34	505						
1413212 PODONQUE ILEX ORMSBY BUTCH....*		4	11	1-21	18	2.9	16,488	4.05	667	6	34	-58	+.12	+14	+10
10-05-61 1213164 4036271 5-71					23		16,967	3.76	638						
1413244 PAUL KNAPP DEAN J.....*		6	3	2-63,65	12	2.6	13,952	3.46	483	0	39	+16	.00	0	0
01-25-61 1313701 3351014 5-71					10		13,907	3.47	483						
1413248 FORRESTERS BURKE TEXAL.....*		12	2	4-42,61,	16	1.9	14,383	3.60	518	31	46	+105	+.02	+6	+8
11-03-61 1278459 4279679 5-71				71,74	8		14,178	3.57	506						
1413281 ELEVATION TIDY VICTORY.....*		5	13	2-73,74	20	1.5	11,754	3.60	423	31	29	-116	-.03	-8	-10
01-01-62 1271810 4976983 5-71					27		11,958	3.75	449						
1413308 CASH-MAR MAX TREASURE.....*		2	33	1-33	35	2.2	15,727	3.55	558	10	28	+159	-.03	+2	+6
07-02-61 1382768 3552478 5-71					15		15,304	3.63	556						
1413313 PALISADE EXCELL CREATOR.....*		1	14	1-87	14	2.8	13,973	3.45	482	0	25	-93	-.01	-5	-7
12-10-61 1390290 3776544 5-71					18		14,391	3.51	505						
1413340 OREGON BARON COMET.....*		9	8	2-52,92	35	2.1	15,939	3.49	556	17	53	+177	-.06	-2	+3
07-10-61 1308796 3884249 5-71					19		15,787	3.60	569						
1413371 SKOKIE ROYAL DUKE.....*		5	5	2-47,74	15	2.0	14,155	3.62	513	8	37	+98	-.01	+2	+4
10-12-61 1288610 3167423 5-71					38		13,887	3.66	508						
1413372 SKOKIE MAGIC DUKE.....*		1	42	1-21	42	2.4	13,052	3.52	459	10	29	-4	-.02	-3	-3
11-23-61 1352968 4928120 5-71					27		12,973	3.62	469						
1413406 KNOLLSIDE MAJORITY SAMSON.....*		4	7	1-41	12	2.3	12,194	3.81	464	18	30	-349	+.04	-7	-15
11-09-61 1383004 4507371 5-71					11		13,313	3.69	491						
1413407 KNOLLSIDE PRIORITY JACKSON....*		2	10	1-41	12	2.2	15,103	3.56	537	30	25	+142	-.02	+3	+6
12-18-61 1382940 3780457 5-71					12		14,591	3.60	526						
1413416 KIEL CITY VIEW TIDY FASCINATOR*		4	15	1-35	20	2.7	14,782	3.52	520	11	31	+67	.00	+2	+3
09-08-61 1150469 4265339 5-71					12		14,635	3.52	515						
1413427 MIDLANE ADMIRAL MASTER.....*		1	14	1-35	14	2.9	15,237	3.89	592	0	26	+116	+.06	+12	+13
09-20-61 1214152 4181622 5-71					7		14,883	3.70	550						
1413443 TIFFIN MERCEDES SIR GEORGE....*		1	16	1-31	16	3.1	13,854	3.75	520	6	27	+4	+.01	+1	+1
07-04-61 1235054 4318014 5-71					26		13,829	3.75	518						
1413472 BIG ROCK IVANHOE SUPREME.....*		6	5	1-21	12	3.3	15,440	4.19	647	0	37	+47	+.17	+26	+23
11-15-61 1189870 4780073 5-71					17		15,466	3.78	585						
1413536 FRAN-CEL GRANDIER ADMIRAL.....		1	11	1-42	11	2.2	11,648	3.42	398	18	22	-355	-.02	-16	-22
08-06-61 1277619 4181824 1-71					9		13,166	3.58	472						
1413537 HOMO MAGICIAN CHIEF.....*		16	1	5-43,48,	21	2.7	15,394	3.36	517	12	58	+846	-.09	+17	+36
07-12-61 1138451 4649236 5-71				71,74,85	18		13,924	3.48	485						
1413551 KYLAND SIR SEGIS.....*		7	24	3-35,52,	42	2.7	12,473	3.62	452	14	40	-298	+.02	-8	-14
05-18-60 1262613 4086142 5-71				71	25		13,132	3.59	471						
1413577 CASH-MAR HEADLINER LAD.....*		5	4	3-32,43,	13	1.7	13,421	3.44	462	14	36	-281	-.09	-23	-26
10-28-61 1333526 3707895 5-71				51	14		14,232	3.73	531						
1413657 KALENE GRANDIER TY VIC.....*		8	5	2-91,92	19	2.5	15,111	3.53	534	20	44	-94	-.05	-10	-11
01-01-61 1235822 4558089 5-71					19		15,480	3.65	565						
1413670 FAIRFIELD SKYLINER.....*		6	10	1-52	22	2.3	14,429	3.40	490	7	40	-389	-.04	-19	-26
02-07-61 1244845 3185676 5-71					26		15,580	3.49	544						
1413675 DUANE TRADEMARK DUKE.....		1	15	1-35	15	1.0	14,981	3.46	519	**	20	+132	-.03	0	+3
11-25-61 1195221 4522838 5-71					13		14,353	3.64	522						
1413698 CLYANNDALE CREATION TRITON....*		1	24	1-31	24	2.2	12,085	3.46	418	13	26	-328	-.02	-14	-20
08-06-61 1126982 4651962 5-71					12		13,281	3.56	473						
1413705 FREEBAER BUR IVY COMBO.....*	21-10	52	1	2-13,21	52	2.7	14,924	3.73	556	2	79	+83	+.13	+21	+20
12-21-61 1189870 3677264 5-71					24		14,915	3.57	532						
1413713 DENFIELD FOND TREASURE.....*	23-11	325	5	11-16,21,	707	2.0	13,494	3.93	530	14	97	-1,394	+.27	-17	-50
10-18-55 1028260 011102759 9-70				22,23,42	23		15,050	3.68	554						
1413724 FODDER-RIDGE CITATION OAK.....*		3	12	1-21	19	2.7	15,939	3.75	597	0	34	+243	+.04	+14	+18
10-07-61 1492073 4505295 5-71					24		15,365	3.65	561						
1413738 MAPOVAL SKY DANDY.....*		1	16	1-23	16	2.5	14,512	3.51	510	**	25	-209	-.02	-10	-14
07-26-61 1244845 4020883 5-71					8		15,507	3.60	559						
1413744 CARNATION MADCAP ROYAL PILOT..*		4	8	1-64	16	1.6	14,731	3.50	516	10	32	-57	+.01	0	-1
07-22-61 1175596 4821215 5-71					11		15,024	3.43	516						
1413745 HEITZEG PIDON PERFECTION.....		1	11	1-41	11	1.5	14,340	3.72	534	**	20	+163	-.03	+2	+6
11-16-61 1198696 4173836 1-71					3		13,490	3.90	526						
1413750 CRESCENT BEAUTY ADMIRAL ORMSBY*		17	4	4-33,35,	32	2.1	13,518	3.51	474	13	59	-272	-.02	-13	-18
08-08-61 1353687 4094839 5-71				41,42	13		13,988	3.56	498						
1413753 CRESCENT BEAUTY CHAMPION.....*		2	13	1-73	15	2.2	12,789	3.56	455	20	26	-263	.00	-9	-14
06-27-61 1316533 4400325 5-71					23		13,803	3.59	495						
1413798 KNOB LICK POSCH BURLEY LAD....*		5	10	2-61,63	19	2.2	15,676	3.55	556	13	35	+313	-.04	+6	+13
08-06-61 1189870 4499885 5-71					21		14,884	3.65	544						

REGISTRATION NUMBER / NAME / OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1413861 HIGH HEDGE AOMIRAL.....*		8	11	4-23,33,	42	1.9	13,987	3.58	501	14	50	+198	-.04	+1	+6
08-03-61 949094 4311531 5-71				35,74	37		13,555	3.67	498						
1413881 ROSE-FRONT BENEFACTOR.....*		5	18	2-31,33	38	1.9	15,180	3.77	573	22	40	+217	+.01	+9	+13
09-15-61 1199324 4958926 5-71					10		14,718	3.77	555						
1413901 BEACON IVAN BLAZIER.....*		2	9	2-35,63	11	2.4	10,847	4.19	454	0	25	-159	+.09	+7	+2
08-09-61 1189870 4664277 5-71					25		11,205	3.71	416						
1413947 CACHE ACRES REFLECTOR VAR LU..*		1	19	1-93	19	2.2	15,246	3.59	547	7	25	+254	.00	+9	+14
07-27-61 1298430 4598082 5-71					79		14,279	3.59	512						
1413950 CURLES DIRECT FOBES LAD.....*		1	10	1-52	10	1.9	13,956	3.40	475	0	21	-102	-.01	-5	-7
08-14-61 1141276 3596571 5-71					95		14,490	3.46	502						
1413969 LAUREL RUN ORMSBY IVANHOE.....*		1	14	1-23	14	2.8	15,946	3.85	614	17	24	+98	+.02	+6	+8
10-12-61 1189870 3820035 5-71					12		15,723	3.80	598						
1414036 DE KOL DEAN COCHRAN.....		1	26	1-23	26	2.5	15,726	3.71	583	0	28	+294	+.03	+15	+20
11-26-61 1215402 4258379 5-71					48		14,751	3.61	533						
1414081 FREE ART TRIUNE HI-HOPE.....		3	7	2-43,73	16	1.6	13,720	3.64	500	63	33	-399	+.04	-9	-18
11-25-61 1250992 4410042 5-71					11		15,046	3.54	533						
1414100 HIGHER VIEW IDEAL EXCELSIOR...		2	23	1-48	40	3.1	13,124	3.60	472	13	41	+190	.00	+7	+11
02-24-61 1359871 4704156 5-71					8		12,512	3.60	450						
1414127 DON AUGUR C HOMESTEAD HI HONOR*		4	18	1-35	23	2.3	14,530	3.37	490	9	31	-554	-.09	-32	-41
05-04-61 1360167 4767302 5-71					9		16,604	3.66	608						
1414225 PENNWER ORMSBY BURKE LAD.....*		2	9	1-23	12	2.6	14,068	3.75	528	0	28	-4	-.01	-1	-1
11-18-61 1105403 3906087 5-71					10		14,101	3.82	539						
1414230 DON AUGUR DAIRYMANS DREAM.....*		6	16	1-21	31	2.2	16,720	3.33	556	23	38	-293	-.05	-18	-23
01-12-61 1152252 4168313 5-71					31		17,878	3.46	618						
1414231 DON AUGUR TRUE TYPE MODEL.....*	35-75	120	2	25-16,21,	164	1.3	15,481	3.58	554	16	89	-129	-.02	-8	-10
01-12-61 1305460 4051738 5-71				23,35,41	44		15,815	3.61	571						
1414232 DON AUGUR C HOMESTEO FORESIGHT*		9	8	1-21	26	2.2	16,748	3.47	581	29	46	+103	-.04	-2	+1
02-08-61 1360167 3776744 5-71					16		16,812	3.55	597						
1414240 KOM BOSS GOLD VENUS.....*		1	16	1-34	16	2.2	12,053	3.90	470	0	24	-500	.00	-18	-28
11-11-61 1326796 3923752 5-71					18		14,133	3.91	552						
1414248 HAEGMAN MODEL KING JULE-TWIN..*		10	13	2-16,21	45	1.9	15,210	3.58	544	38	50	-200	-.04	-13	-16
07-11-61 1148993 2920952 5-71					32		15,793	3.67	579						
1414252 RAYMAU PLAYBOY.....*	35-05	23	3	2-35,43	53	2.6	13,863	3.66	507	13	74	-168	-.02	-9	-12
09-05-61 1071565 3641086 5-71					14		14,109	3.70	522						
1414256 WAL-EL MONTVIC SKYLINER.....*		1	15	1-35	15	2.5	14,877	3.54	526	0	26	+26	-.01	0	+1
10-26-61 1244845 4515634 5-71					18		14,866	3.55	528						
1414273 SLEEPY HOLLOW APEX.....*	33-03	1	25	1-93	25	2.2	17,278	3.80	656	4	27	-51	+.04	+4	+2
12-18-61 1252231 4211268 5-71					95		17,863	3.68	658						
1414275 WESTPORT RAVEN NEPTUNE.....*		2	8	1-93	10	1.9	17,331	3.80	658	14	23	-203	+.05	0	-5
05-10-61 1330936 3918198 5-71					58		18,683	3.65	682						
1414304 ESTELLEO REVELATION TY VIC....	41-01	81	1	3-35,41,	95	1.3	13,686	3.63	497	12	83	-286	+.05	-4	-11
12-01-60 1197317 4861505 5-71				45	14		14,042	3.58	503						
1414324 RAG APPLE DUNLOGGIN BENEFACTOR*		7	3	2-52,55	11	1.9	14,911	3.29	491	**	35	+225	-.06	-1	+5
03-03-61 1199324 3950961 5-71					14		14,299	3.47	496						
1414327 GRAND VIEW ARWYN KING.....*		4	8	1-61	13	2.3	16,714	3.54	591	0	30	+6	-.01	-1	-1
01-07-62 1324354 3676057 5-71					14		17,001	3.58	609						
1414339 ANDY SKYLARK LEADER.....*		1	15	1-42	15	2.3	12,187	3.82	465	29	24	-166	+.03	-2	-6
07-26-61 1302712 4338277 5-71					14		12,760	3.72	475						
1414369 SPRINGSIDE SNOW.....		2	11	1-87	14	1.5	12,571	3.17	399	44	25	-133	-.02	-8	-10
10-08-61 1353622 4303247 1-71					5		13,018	3.30	429						
1414434 PINEYHILL MEDALLION.....*		10	15	2-32,34	31	2.8	14,525	3.57	519	4	42	-225	-.01	-9	-13
09-24-60 1295523 4507237 5-71					8		15,190	3.61	548						
1414442 HOMERDALE SPAN LEONARD.....*		1	10	1-21	10	3.1	18,748	3.58	672	0	24	+283	.00	+10	+16
08-23-61 1239886 4503858 5-71					46		17,974	3.59	645						
1414485 EDGEWOOD HALL SKYLINER BURKE..*		6	6	3-81,87,	15	3.0	15,927	3.10	494	8	39	+295	-.13	-8	+1
02-06-61 1244845 3944179 5-71				93	16		15,301	3.40	520						
1414488 BLU SPRING MAJOR CARNATION....*		3	42	2-16,21	46	1.9	12,175	3.61	439	**	29	-251	+.02	-7	-12
08-12-61 1200082 3890120 5-71					22		12,956	3.56	461						
1414540 CLEAR CREEK SOVEREIGN MAGICIAN*		2	24	2-31,63	26	2.4	13,601	3.46	471	0	28	+83	-.02	0	+2
07-30-61 1138451 4703178 5-71					36		13,235	3.56	471						
1414558 HILLSPRIDE COUNT.....*		2	15	1-93	17	1.4	13,635	3.54	482	8	24	-50	+.01	0	-1
11-01-61 1298164 4370037 5-71					30		13,841	3.46	479						
1414562 PARI MAGICIAN.....*		3	10	2-32,34	15	1.8	13,619	3.81	519	20	29	-302	+.05	-4	-11
07-30-61 1138451 4301503 5-71					10		14,765	3.65	539						
1414571 AGRO ACRES CLIMAX LAURIE.....*		7	4	1-23	12	2.4	14,714	3.60	530	33	36	-137	-.03	-9	-11
03-21-61 1382768 011356143 5-71					22		15,223	3.70	564						
1414588 GRAY VIEW X SKY OSMAN-TWIN....*		4	21	2-35,85	31	2.7	13,152	4.04	531	18	35	-681	+.11	-10	-26
06-06-61 1378594 4204805 5-71					22		15,224	3.74	570						
1414589 GRAY VIEW X SKYMISTER-TWIN....*		3	85	2-84,86	89	1.9	14,761	3.67	542	38	29	-493	+.10	-4	-16
06-06-61 1378594 4204805 5-71					127		16,752	3.37	565						
1414593 CUMPER GRAY VIEW LOCHINVAR....		1	12	1-34	12	3.0	14,091	3.59	506	18	25	+74	-.02	0	+2
10-05-61 1244845 3882593 5-71					21		13,775	3.68	507						
1414604 BARRETT RANCH PRESIDENT.....*		3	14	3-12,13,	18	2.4	16,131	3.56	574	0	29	+186	-.05	0	+5
01-07-62 1370549 3090691 5-71				21	35		15,663	3.71	581						
1414608 LAVACRES POLLY BRENT.....		2	21	1-93	40	2.1	15,064	3.47	523	9	40	-406	.00	-14	-22
12-23-61 1382958 4867789 5-71					75		16,323	3.48	568						
1414609 LAVACRES POLLY OIABLO.....*		1	14	1-93	14	1.6	18,292	3.73	683	**	22	+408	+.02	+17	+25
12-29-61 1382958 4605608 5-71					17		16,733	3.68	616						
1414612 LAVACRES DICTATOR BASIL.....		2	7	1-93	14	1.5	14,805	3.72	551	**	30	-323	+.03	-8	-15
12-22-61 1204163 4827610 5-71					22		16,117	3.66	590						
1414613 LAVACRES DUSTY MANFRED.....	34-01	84	3	3-32,34,	120	1.9	13,346	3.68	491	26	85	-602	+.10	-9	-23
01-04-62 1205185 4151544 5-71				86	22		14,070	3.57	503						
1414618 A CITATION SOVEREIGN.....*	23-13	182	4	9-23,31,	369	1.2	14,910	3.65	544	12	93	+267	-.03	+5	+11
12-10-61 1492073 5453892 5-71				51,52,54	28		14,698	3.69	543						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1414620 STROVEN SIR ROAMER.....		2	13	1-34	15	3.1	11,011	3.82	421	0	28	-89	+.02	0	-2
12-16-60 1318856 4272014 5-71					13		11,040	3.71	410						
1414630 REVLLOC CRESCENT LAD.....		1	24	1-52	24	2.1	14,506	3.79	550	6	27	-173	+.01	-5	-9
04-29-60 010262634 010974395 5-71					9		15,298	3.78	579						
1414646 CLOUD CAP MAJOR MADCAP SUPREME*		1	29	1-92	29	2.2	15,494	3.61	560	0	27	-48	+.04	+4	+2
05-02-61 1200082 4602014 5-71					30		15,868	3.45	548						
1414652 REFLECTION STARBRIGHT ROMAN...*		13	15	3-47,48,	44	1.6	11,739	3.77	442	23	46	-764	+.05	-21	-37
09-01-60 010262153 011377205 5-71				93	11		13,341	3.67	489						
1414666 MIDLINE SKYLINER CONQUEROR TED*		1	18	1-33	18	2.1	14,132	3.67	518	28	25	-206	.00	-7	-11
10-26-61 1244845 4476158 5-71					9		15,082	3.68	555						
1414715 MT JOSEPH WIS DEAN VICTORY....*		1	31	1-48	31	2.4	13,182	3.82	503	4	28	-34	+.01	0	-1
09-09-61 1188192 3954733 5-71					18		13,234	3.84	508						
1414716 DROWN FARM CARNATION MAJOR....*		1	29	1-13	29	3.0	13,655	3.73	510	4	29	-195	+.04	-1	-6
10-09-61 1200082 4500854 5-71					16		14,366	3.60	517						
1414742 NOBLEHURST ARISTOCRAT DUKE....		1	13	1-21	13	2.9	12,919	3.29	425	23	24	-424	-.04	-21	-28
01-28-61 1124780 3491593 1-71					72		14,764	3.49	516						
1414747 ADOHR GOLDEN BONUS.....*	35-05	163	2	9-33,35,	253	1.5	12,510	3.61	451	32	93	-1,721	-.06	-69	-102
10-01-61 1215448 4641315 5-71				41,42,93	21		14,417	3.67	529						
1414791 D-HIZAR CAL INSIGNIA.....*		1	11	1-32	11	2.9	13,767	3.86	531	11	24	-140	+.05	+2	-2
12-26-61 1179372 4222481 5-71					8		14,390	3.63	523						
1414813 M V B A U H TEN GWEN ROLLIE...	41-01	26	1	2-41,42	27	1.9	12,768	3.63	464	19	62	-561	+.04	-15	-27
03-22-61 1038509 4383051 5-71					10		13,644	3.58	489						
1414814 STANEAN PABST OLIVER PEARL....*		3	8	1-21	11	2.2	13,334	3.59	479	13	27	+3	.00	0	0
10-31-61 1070036 4091632 5-71					14		13,255	3.60	477						
1414835 FIDE MARIE SUNLINER.....*		2	9	1-21	11	1.9	14,349	3.49	501	**	24	-112	+.01	-2	-5
09-01-61 1244845 3539601 5-71					21		14,925	3.44	514						
1414837 PLATTCO MASTER.....	93-16	13	7	3-82,91,	30	1.7	16,939	3.32	562	15	50	+145	-.12	-11	-5
09-01-61 1305460 4015394 5-71				93	139		16,946	3.51	595						
1414846 KNOLLSIDE PRESTO LAUREL HI....*		2	26	1-41	28	2.5	14,194	3.79	538	8	29	+1	+.01	+2	+2
01-18-62 1167510 4485837 5-71					11		14,217	3.75	533						
1414847 KNOLLSIDE COUNT LANTAINE.....		2	16	1-41	18	2.8	13,451	3.68	495	0	28	+40	-.02	-1	0
01-22-62 1308419 4778004 5-71					9		13,241	3.78	501						
1414892 B-ACRES CAPTAIN LEO.....		1	19	1-41	19	3.2	14,628	3.29	481	6	28	+171	-.05	-1	+4
09-23-60 1144239 3259111 5-71					6		14,020	3.46	485						
1414893 DIX HILL MONTIE KENT.....*	55-01	7	3	1-55	18	2.1	17,672	3.68	651	0	46	+393	+.04	+20	+27
12-08-61 1137421 3758812 5-71					47		17,138	3.61	619						
1414923 LOCHLAWN VITALITY.....*		1	23	1-41	23	2.4	16,476	3.67	605	16	27	+167	-.01	+5	+8
08-28-61 1336320 4554248 5-71					19		16,066	3.70	594						
1414935 RENOWN SKYLINER GENERAL.....*		2	7	1-32	13	3.6	17,570	3.60	633	0	34	+514	-.03	+14	+25
10-14-61 1244845 4603628 5-71					22		16,299	3.70	603						
1415015 THONYMA BURKE MOSE USEFUL.....*	35-21	5	28	1-48	37	2.8	16,488	3.64	600	6	35	+625	+.02	+26	+38
07-21-61 1196645 4913630 5-71					11		14,771	3.56	526						
1415031 ELLBANK MODEL DEAN.....*		2	15	1-21	20	3.4	17,630	3.52	620	0	33	+673	-.06	+16	+31
12-11-60 1291141 4621940 5-71					37		15,793	3.67	580						
1415047 NOEL PILOT LEANDER.....*		1	12	1-21	12	1.1	13,459	3.66	492	38	19	+233	-.02	+6	+11
10-06-61 1094305 3931037 5-71					14		12,045	3.79	456						
1415050 PHEASANT RUN STANDARD DUKE....		1	22	1-35	22	2.1	13,232	3.52	466	8	26	-102	-.03	-8	-9
09-04-61 1373055 4638616 5-71					13		13,597	3.68	500						
1415058 SOVEREIGN OF SWAMPY HOLLOW....*		2	13	1-21	16	2.3	12,795	3.57	457	15	28	-125	+.01	-3	-6
05-27-61 1189870 3751843 5-71					19		13,163	3.56	469						
1415059 ROEFLORA MAGIC KNOX.....*		4	6	2-22,33	16	2.5	13,201	3.78	499	17	39	-208	-.01	-9	-13
10-18-60 1138451 3289303 5-71					18		13,712	3.84	527						
1415085 COMBS FARM IMP.....*		7	23	2-54,63	49	2.7	16,105	3.55	571	4	45	+205	.00	+7	+11
08-04-61 1352079 4629752 5-71					22		15,836	3.55	562						
1415089 BEACON A D M PRINCE.....*		3	24	1-21	28	2.7	18,007	3.80	684	4	31	+283	+.05	+18	+22
11-30-61 1148993 3830705 5-71					22		17,449	3.67	641						
1415091 KYLAND VALIANT COUNT.....*	35-05	52	2	6-33,35,	69	1.9	13,934	3.72	518	16	79	-268	+.05	-3	-9
08-04-61 1265166 4251975 5-71				41,42,63	15		14,310	3.67	525						
1415095 RICHMAN R A JERRY.....*		6	12	3-21,31,	20	2.0	14,184	3.41	483	12	34	-59	-.04	-7	-7
11-21-61 1138441 5199477 5-71				61	20		14,408	3.52	507						
1415107 PIPER VIEW ROYAL MASTER.....*	35-04	46	2	12-21,23,	68	1.9	14,645	3.61	528	16	78	+121	-.03	0	+3
08-25-61 1305460 4387584 5-71				34,35,41	17		14,550	3.65	531						
1415137 WA-KE IVANHOE MASTER.....*		3	14	2-23,51	18	2.7	15,191	3.58	544	24	30	+104	-.01	+3	+5
03-05-61 1189870 5244247 5-71					25		14,941	3.59	536						
1415144 DURALYNE JONAS TRIUNE.....*		2	24	2-23,35	26	3.1	13,080	3.46	453	8	30	-122	.00	-5	-7
11-03-60 1320727 4434586 5-71					8		13,443	3.50	470						
1415156 SISSON FARMS DAWNVALE CORKY...*		2	23	1-57	25	3.3	13,660	3.34	456	0	30	+140	-.01	+3	+6
10-05-60 1244845 4110982 5-71					8		13,115	3.36	441						
1415185 VALLA VISTA PERFECT LOMA.....*		17	4	2-47,48	33	2.7	15,089	3.75	566	7	61	+564	+.07	+30	+40
10-15-61 1316462 4529266 5-71					14		14,190	3.66	519						
1415190 SAWYER POLKADOT PERRY.....*		1	32	1-21	32	2.9	11,938	3.59	428	0	29	-84	+.01	-1	-3
03-10-61 1180488 4257076 5-71					24		12,035	3.55	427						
1415203 PABST ADMIR DUKE.....*		1	21	1-35	21	2.3	12,647	3.68	465	16	26	-139	+.03	-1	-4
10-17-61 1358647 4626980 5-71					29		13,100	3.59	470						
1415206 PABST ADMIR FINEL.....*	35-04	14	2	5-23,34,	18	1.9	16,030	3.37	540	11	52	+794	-.14	+8	+27
11-08-61 1358647 4452777 5-71				35,41,63	19		14,559	3.62	527						
1415219 ECHODRIVE DEAN SKYLINER.....	35-75	23	1	6-21,35,	28	2.2	16,653	3.49	581	0	64	+413	-.06	+6	+16
11-02-61 1244845 4664261 5-71				55,91,93	53		16,234	3.57	580						
1415237 MERIWETHER COMET STUART.....*		1	21	1-41	21	2.6	13,058	3.56	465	29	27	-112	+.01	-3	-5
09-03-61 1354965 4226875 5-71					21		13,433	3.57	479						
1415252 MAPLE DEN IVANHOE CHARLES.....*		4	8	1-32	13	2.9	17,299	3.60	622	18	31	+399	-.04	+9	+18
10-30-61 1189870 4578157 5-71					14		16,250	3.72	604						
1415284 OCIE MAGICIAN PEACOCK.....*		1	13	1-31	13	2.5	13,794	3.36	464	0	25	-218	-.01	-9	-13
11-22-61 1138451 4424727 5-71					8		14,770	3.41	504						

REGISTRATION NUMBER NAME OF BULL	STUO CODE	NUMBER OF HEROS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK MILK	% %	FAT FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1415288 SUPERIOR ADANTHA ORMSBY.....*		1	16	1-16	16	2.0	11,174	3.75	419	17	25	-377	.00	-14	-21
08-21-61 1317858 5095950 5-71					22		12,580	3.81	479						
1415321 NOBLE-VALE HIGHFLYER LARRY....*		4	27	2-13,16	33	2.5	18,628	3.42	637	7	32	+360	-.07	+3	+12
11-12-61 1318968 5148759 5-71					12		17,892	3.58	641						
1415324 WIS MASTER BUTTER BOY.....*		4	21	1-35	27	1.7	13,175	3.73	491	0	29	+283	.00	+10	+16
10-17-61 1368257 3502409 5-71					29		11,990	3.74	449						
1415342 HAROEN FARMS AAGGIE TALENT....*		12	9	4-35,42,	35	2.2	14,084	3.49	491	17	51	-183	-.08	-17	-19
04-19-61 1222989 3437064 5-71				48,73	12		14,500	3.65	529						
1415356 NSH LAUNT ROBARTA PARAOER.....*		4	6	1-47	12	2.3	15,355	3.86	592	27	32	-152	+.08	+5	0
12-16-61 1228368 4125703 5-71					28		16,052	3.64	584						
1415366 GOODMANOR HAMARET IVANHOE ADAM*		1	13	1-21	13	1.9	12,074	3.27	395	0	23	-117	-.01	-5	-7
11-20-61 1189870 5015912 5-71					28		12,439	3.30	410						
1415405 LIME HOLLOW BURKGOV SENSATION.*	23-09	311	3	7-21,23,	579	2.1	14,873	3.66	545	10	97	+548	-.07	+10	+23
07-25-61 1038509 4021635 1-71				50,51,73	17		14,345	3.75	538						
1415416 PAPPYS CYCLONE BURKE ANDY.....*		3	11	1-87	19	2.7	14,553	3.41	496	13	35	-202	-.06	-16	-19
02-11-61 1117633 3534152 5-71					19		15,270	3.60	549						
1415417 PAULINA MAGIC REFLECTION.....*		2	7	1-31	12	3.3	15,556	3.41	530	8	33	+303	-.07	+1	+9
02-12-61 1138451 3864782 5-71					10		14,699	3.61	530						
1415424 VISTA GRANDE PIETERTJE CASHMAN		3	15	1-57	20	2.4	14,674	4.11	603	0	31	-246	+.17	+14	+5
09-09-60 1079658 4500723 5-71					7		15,636	3.60	563						
1415454 FARAWAY ADMIRAL ASTER.....*		1	26	1-21	26	2.5	16,248	3.71	602	20	27	+32	-.02	-2	-1
08-31-61 1383311 3953773 5-71					41		16,374	3.83	627						
1415455 FREOELYN FARMS INKA REVELATION	35-75	31	2	8-35,82,	41	2.1	16,912	3.64	616	13	71	+1,012	+.05	+44	+63
04-14-61 1038509 4434520 5-71				87,92,93	55		15,649	3.57	559						
1415460 TRU-POL COUNT ROYAL MASTER....*		1	48	1-41	48	1.7	14,030	3.61	507	37	26	-382	+.01	-13	-21
11-10-61 1305460 4405115 5-71					21		15,650	3.62	567						
1415468 ORIFTING ROAMER MERT.....		1	28	1-23	28	2.9	14,098	3.81	537	0	29	-108	+.04	+2	-1
10-18-61 1102436 3943522 1-71					10		14,535	3.67	534						
1415487 ARLO SOVEREIGN SKYLINER LAO...*		6	7	2-23,51	15	2.5	12,817	3.86	495	0	35	-342	+.03	-8	-16
06-26-61 1244845 2815407 5-71					22		13,773	3.79	522						
1415498 OSMAN MOOEL INROAO PRINCE.....*		2	19	1-35	21	3.0	14,957	3.50	524	10	29	+135	-.08	-6	-1
09-24-61 1340802 4679966 5-71					8		14,557	3.81	554						
1415558 LITTLE PONO CHEMCO OEAN OLLIE.*		2	7	1-21	11	2.7	15,294	3.72	569	20	30	-165	+.07	+4	-1
10-05-61 1049547 3715133 5-71					26		16,069	3.50	563						
1415575 SENATOR LEA-VISTA.....*		1	19	1-23	19	3.2	14,549	3.67	534	0	28	+116	-.01	+3	+6
09-09-61 1244845 3569681 5-71					34		14,154	3.72	526						
1415597 THONYMA MOSE MOSES.....		5	45	1-48	54	2.5	13,577	3.54	480	7	33	-362	.00	-13	-20
03-28-61 1196645 5020871 5-71					12		14,770	3.55	524						
1415601 SEGIS KING PAUL.....		1	19	1-73	19	2.1	13,052	3.38	441	7	25	+108	-.01	+3	+5
07-01-61 1302144 3358136 5-71					17		12,473	3.38	422						
1415611 MORMILK JERRY ORMSBY.....*		1	16	1-56	16	1.6	15,139	3.47	525	0	22	-18	-.02	-4	-4
10-08-61 1138441 4435120 5-71					77		15,368	3.59	552						
1415636 ROSE EDGE FONO ROYALTY.....*		7	20	2-41,42	32	2.4	13,603	3.61	491	10	36	+106	+.03	+8	+9
11-14-61 1243697 4065472 5-71					15		13,243	3.52	466						
1415637 FOUR PINES BURKE SKYLINER.....*		5	18	2-33,35	25	2.4	14,124	3.90	551	4	33	-192	+.06	+2	-3
11-22-61 1244845 4505088 5-71					13		14,802	3.70	548						
1415639 BREEZEWOOD SENSATION.....*		1	27	1-92	27	1.7	14,131	3.57	505	**	25	+1	-.01	-2	-2
08-14-61 1369992 3816059 5-71					24		14,147	3.68	520						
1415658 OELFKES HI HOPE RAG APPLE.....*		2	9	1-41	16	2.9	14,030	3.44	482	0	35	+87	-.07	-6	-3
10-09-61 1363685 3986288 5-71					12		13,761	3.64	501						
1415661 MITCHELL FARM IVANHOE.....*		4	26	2-16,21	43	2.2	14,812	4.03	597	5	37	+121	+.10	+18	+18
04-05-61 1189870 4104515 5-71					40		14,544	3.80	552						
1415672 TRANSMITTER COMET MASTER-TWIN.*		6	2	2-42,65	10	2.2	11,157	3.45	385	25	35	-687	-.02	-27	-40
02-17-61 1024451 3833316 5-71					11		13,031	3.54	461						
1415704 JERGENS ROCKET BERRY.....*		1	19	1-41	19	3.4	16,868	3.63	612	0	28	+510	-.01	+17	+27
06-27-61 1341564 5234391 5-71					22		15,183	3.68	558						
1415706 DUANE ROYAL COMET LEADER.....*		2	23	1-35	27	1.6	15,981	3.87	618	**	27	+300	+.06	+19	+24
12-22-61 1049674 4692496 5-71					9		14,982	3.70	554						
1415707 SKOKIE DESIGN 4TH.....*		1	11	1-41	11	2.6	13,582	3.54	481	0	24	-44	-.02	-4	-4
08-10-61 1298378 4848624 5-71					8		13,750	3.64	500						
1415721 ORMSBY LAO NIG NIKITA.....		2	12	1-48	22	1.8	16,069	3.34	537	7	34	+290	-.09	-2	+6
08-16-61 1271122 4599992 5-71					13		15,370	3.59	552						
1415737 COOPER HILL SKYWAR-TWIN.....*		9	1	2-14,21	11	2.3	13,406	3.56	477	10	41	-363	+.02	-11	-19
11-25-61 1244845 3819579 5-71					19		14,339	3.54	508						
1415744 RETLAW IDEAL FANNIE WAYNE.....*		16	1	3-35,41,	20	2.6	13,793	3.68	508	0	57	-269	+.04	-4	-10
07-17-61 1342677 4533856 5-71				42	13		14,308	3.62	518						
1415772 CLOVERTOP UNA PROSPER.....*		1	29	1-51	29	1.9	13,893	3.84	534	8	26	-68	+.05	+5	+2
12-22-61 1330681 4230169 5-71					24		14,185	3.64	516						
1415774 STANVER ROSE REFLECTION.....*		3	15	2-16,21	19	1.9	14,508	4.07	590	32	28	-264	+.08	+2	-5
12-23-61 1298430 3591574 5-71					41		15,632	3.79	592						
1415787 LAFAR CHAMPION DICMERE LEADER.*		1	13	1-31	13	1.9	12,807	3.72	477	23	23	-104	+.03	0	-3
09-06-61 1263512 4268611 5-71					23		13,197	3.61	477						
1415806 DON AUGUR MOTHERMARTHAS PRIDE.*	35-75	176	3	28-16,21,	261	1.4	15,833	3.61	571	11	92	-176	.00	-7	-10
08-12-61 1305460 3692153 5-71				23,35,55	22		16,258	3.62	588						
1415808 MEMORIAL-ACRES CAPTAIN DE KOL.		1	10	1-87	10	2.9	14,207	3.40	483	11	23	-133	-.04	-10	-12
10-25-61 1144239 4684647 5-71					29		14,874	3.58	532						
1415816 BEEZLEY FARM PRO MARCUS.....		4	11	1-48	19	1.5	15,180	3.44	522	20	31	+402	-.02	+11	+20
02-12-61 1327032 4308032 5-71					4		13,869	3.48	483						
1415826 ROUNO OAK IVANHOE CITATION....*		14	10	3-55,57,	34	2.2	13,142	3.57	469	4	49	-131	+.02	-2	-5
09-13-61 1189870 3547221 5-71				58	19		13,352	3.53	471						
1415831 KAM-JA ROBURKE BENEFACTOR.....		1	94	1-93	94	2.4	18,208	3.74	681	1	30	+435	+.02	+19	+27
10-15-61 1199324 4750982 5-71					97		17,067	3.70	632						
1415844 CLOVERBROOK ORMSBY SKOKIE.....		1	14	1-42	14	2.5	11,829	3.47	410	14	25	-498	.00	-18	-28
10-18-61 1315612 4644762 5-71					10		13,847	3.50	484						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	%	FAT	% 1ST LACT	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1415861 WOODVALE CRETE RAIN8OW.....*		1	19	1-51	19	2.0	13,184	3.68	485	35	24	-414	+.01	-14	-22
01-15-62 1330681 4755194 5-71					19		14,988	3.69	553						
1415876 SPARROHIGH SIR RO8URKE VICK...*		3	12	1-13	16	2.3	14,360	3.18	456	29	29	-67	-.05	-10	-10
11-07-61 1334361 3769090 5-71					12		14,670	3.37	495						
1415906 SUNNYSLOPE IVANHOE HOME RUN...*		4	3	1-52	11	1.8	10,471	3.82	400	14	34	-795	+.04	-24	-41
09-02-61 1189870 3634400 5-71					19		12,703	3.72	472						
1415922 NACHES FO8ES ADMIRAL.....*		2	9	1-91	16	1.9	13,018	3.44	448	**	33	-679	+.03	-21	-35
09-25-61 1080108 4957769 5-71					23		15,240	3.40	518						
1416007 ALGOAS MAN-O-WAR.....*		4	20	1-43	27	2.3	12,812	3.50	448	23	32	-255	-.01	-11	-16
03-26-61 1197929 3348556 5-71					21		13,573	3.55	482						
1416011 SMITHOLM SKYLINER.....*		16	11	2-21,23	57	2.1	15,221	3.97	605	2	59	+184	+.15	+28	+28
08-12-61 1244845 4388820 5-71					20		15,019	3.76	564						
1416022 HICKORYVALE TRUSTEE TO8Y.....*		4	7	1-51	15	2.8	13,102	3.60	472	0	36	-206	-.04	-13	-16
09-07-61 1246308 3255679 5-71					34		13,658	3.75	512						
1416040 LYMAR ROCKWOOD PRINCE.....*		4	15	2-35,45	23	2.8	14,161	4.01	568	24	35	-155	+.05	+1	-3
01-07-61 1313355 3970215 5-71					15		14,681	3.89	571						
1416074 RAVEN OICTATOR MOOEL.....*		8	10	2-42,47	26	2.0	15,694	3.40	533	9	42	+522	-.06	+10	+22
03-28-61 1148993 3956935 5-71					13		14,498	3.52	510						
1416106 RIOGELY ROMULUS.....*		7	3	1-21	15	1.7	15,574	3.46	539	44	41	+202	-.02	+5	+9
12-26-61 1253588 3652632 5-71					35		15,209	3.48	530						
1416113 UNH IVANHOE YEOMAN.....*		36	14	7-11,12,	109	2.2	16,270	3.55	577	9	70	+109	-.11	-12	-7
01-18-62 1189870 4088987 5-71				13,15,21	17		16,356	3.70	605						
1416128 EOH CRESCENT KARMA CHIEF.....*		6	6	2-48,73	20	1.8	14,247	3.57	509	6	42	-59	+.02	0	-2
03-25-61 1310625 4683213 5-71					21		14,438	3.54	511						
1416150 LOCHLAWN SIR OLIVER.....		4	6	1-41	16	1.4	14,374	3.49	501	6	34	-118	-.07	-14	-15
02-14-61 1336320 4649705 5-71					17		14,816	3.72	551						
1416184 WAL-CO-FARM MASTER JOSIE.....*		6	11	2-35,52	19	2.2	13,008	3.83	498	6	34	-311	-.04	-16	-21
11-15-61 1305460 4625150 5-71					23		13,916	3.97	552						
1416195 ASTRA IVANHOE ANATOLE.....*		6	11	1-13	24	2.2	15,112	3.63	549	23	38	-32	-.03	-6	-6
11-06-61 1189870 4942677 5-71					11		15,338	3.74	574						
1416202 HOPE ORIVE TOWERLINE PUGET....		1	12	1-35	12	1.8	14,232	3.42	487	**	22	-254	-.01	-10	-15
10-29-61 1214152 5118938 5-71					9		15,554	3.48	542						
1416210 WISCH VALLEY CAPTAIN KIO.....		2	13	1-42	15	2.3	13,428	3.53	474	31	26	-164	.00	-6	-9
02-22-61 1144239 3979040 5-71					13		14,080	3.57	502						
1416215 8JU-LANE 8ELMONT PAT.....		1	10	1-41	10	2.4	12,761	3.64	464	14	23	+96	.00	+3	+5
11-14-61 1272864 4745832 1-71					17		12,155	3.66	445						
1416224 WEAVERS INKA MAPLE SUSIE.....*	61-02	94	3	4-33,34,	160	2.2	14,314	3.49	499	10	89	+407	-.05	+7	+16
10-22-59 010218036 011245681 5-71				42,61	15		13,849	3.54	490						
1416227 IRVINGTON HANSEL.....*	35-75	13	12	6-11,13,	43	2.5	16,537	3.65	604	7	53	+32	.00	+1	+2
01-12-62 1288610 4471142 5-71				14,16,34	24		16,758	3.66	614						
1416235 WALKWAY IVANHOE TYLER.....*		10	9	6-32,33,	27	1.8	14,274	3.95	564	15	43	-63	+.11	+13	+9
09-05-61 1189870 4484931 5-71				35,74,87	43		14,478	3.70	536						
1416240 THEMELAN WIS OEAN PILOT.....*		6	3	1-48	10	1.9	16,037	3.47	557	0	33	+412	-.02	+12	+21
10-08-61 1188192 4078490 5-71					11		14,874	3.52	524						
1416262 FERTILE MEADOWS LITTLE JOHN...*		2	13	1-35	15	2.5	13,715	3.45	473	0	28	-118	-.03	-8	-10
01-01-62 1332101 4571940 5-71					14		14,172	3.56	505						
1416263 8ETIJO ORMS8Y WIS JERONE.....		1	32	1-71	32	3.1	12,035	2.73	328	0	29	+102	-.07	-6	-2
08-26-61 1333535 3938468 5-71					13		11,431	2.94	336						
1416270 FAIR HILL OELLA NO8LE.....		1	29	1-51	29	2.3	11,573	3.85	446	5	28	-306	+.04	-5	-12
11-25-61 1151349 4812933 5-71					3		12,541	3.68	462						
1416286 SILLSOALE MARATHON MOOEL.....*		13	20	4-13,21,	72	1.5	15,640	3.40	532	6	52	+569	-.09	+8	+21
02-23-61 1148993 3669979 5-71				23,58	30		14,608	3.55	519						
1416293 JOLIAM WICKFIELO TRAOITION....*		3	9	2-35,42	16	2.1	13,933	3.65	508	25	33	0	+.01	+1	+1
08-19-61 1305443 4503726 5-71					8		13,931	3.62	504						
1416294 JOLIAM HEILO TRAOITION.....*		1	10	1-35	10	2.7	12,363	3.56	440	0	23	-246	+.01	-8	-13
09-06-61 1305443 3449927 5-71					4		13,362	3.57	477						
1416304 MOULTON CARNATION JOL ORESTES.*		1	11	1-54	11	2.3	10,901	3.72	405	0	23	-33	+.01	0	-1
11-30-61 1298076 4475889 5-71					28		10,727	3.70	397						
1416320 TIOY GREENWOOD JACK.....*		1	11	1-23	11	3.6	14,292	4.05	579	9	25	-182	+.05	+1	-4
10-13-61 1121323 4655984 5-71					17		15,147	3.86	584						
1416361 HIV-LAN MARY GOLOEN SAUL.....*		3	19	1-32	31	2.7	15,000	3.55	532	8	38	+44	-.05	-6	-4
10-05-61 1339425 4466139 5-71					28		14,988	3.70	555						
1416372 WALWOOD GOLOEN STROKE.....*		1	18	1-31	18	2.2	14,220	3.78	537	10	25	-59	-.03	-6	-7
11-16-61 1148087 4864840 5-71					13		14,521	3.93	571						
1416396 OLO LANO REFLECTION IOEAL.....		3	7	1-35	10	1.5	13,723	3.54	486	33	24	-75	+.01	-2	-4
09-15-61 1383551 5016348 9-70					8		14,059	3.54	498						
1416398 CLAREVALE COUNT A 8 C.....*		1	16	1-41	16	3.4	12,140	3.55	431	0	27	+198	-.05	0	+5
03-10-61 1324972 4695661 5-71					12		11,126	3.80	423						
1416447 MALLARY FARM AUDACIOUS OR8IT..*		2	8	1-21	10	2.3	13,644	3.87	528	29	24	-286	+.07	-1	-8
10-09-61 1237747 4612799 5-71					26		14,929	3.61	539						
1416457 HARMONY VIEW WALLIE MIKE.....		9	39	2-61,63	65	2.1	11,310	3.53	399	7	38	-364	-.01	-15	-22
09-02-61 1190632 3381622 5-71					13		12,075	3.60	435						
1416478 HUTCH OICTATOR NEIL.....*		6	2	1-34	10	1.8	13,346	3.69	493	25	34	+26	+.03	+5	+5
06-17-61 1245728 3403264 5-71					15		13,194	3.61	476						
1416503 TYPLUS HARVEY IOEAL 8URKE.....		1	35	1-42	35	2.0	11,071	3.59	397	14	27	-358	-.02	-16	-23
11-25-61 1312024 4312148 5-71					13		12,253	3.71	455						
1416505 OAK GREEN SKYLINER ERNEST.....*		5	5	1-52	13	2.7	13,275	3.64	483	11	37	-206	+.02	-4	-9
09-21-61 1244845 4495102 5-71					36		13,832	3.59	496						
1416506 O8EEJAY R A OUKE TIP TOP.....*		1	10	1-33	10	2.1	12,330	4.01	495	20	21	-286	+.06	-2	-9
09-29-61 1293580 4842338 5-71					18		13,656	3.75	512						
1416573 CYNWYO PERFECTION OUKE.....	35-75	39	7	13-21,23,	61	1.7	14,115	3.62	511	12	66	-209	+.01	-6	-10
01-28-62 1280018 3891010 5-71				35,41,55	13		14,489	3.61	523						
1416648 8Y-ROX ACE RAVEN.....*		3	7	2-14,21	10	3.0	18,636	3.78	705	33	27	+285	+.05	+18	+22
07-23-61 1351264 4549523 5-71					13		17,996	3.63	654						

REGISTRATION NUM8ER NAME OF 8ULL	STUO COOE	NUM8ER OF HEROS	EFF OAU /HD	STATES NO- WITH MOST OAUS	... OAUGHTERS ANO HEROMATES ... OAUS HM/OAU	REC/OAU HERDMATE	MILK MILK	% %	FAT FAT	% 1ST INC	REPT %	PREDICTEO OIFFERENCES MILK	%	FAT	$$
1416649 DEE-CLIFF NO8LE IVANHOE.....*		10	9	2-13,21	28	2.3	13,501	3.38	457	9	46	-211	-.08	-19	-21
11-26-61 1189870 3974047 5-71					17		13,962	3.59	501						
1416654 LYNANN ENSIGN GENERAL.....		1	16	1-34	16	1.8	13,676	3.57	488	**	23	-137	+.02	-2	-5
09-10-61 1332207 3843890 5-71					16		14,316	3.51	503						
1416669 SKOKIE FAMOUS GOVERNOR.....*	35-75	7	35	3-31,32,	58	2.2	15,773	4.11	649	9	39	+94	+.14	+23	+22
01-17-62 1330987 3373360 5-71				74	10		15,708	3.81	598						
1416707 MAPLESIDE IVANHOE TRANSMITTER.*		6	6	2-12,13	19	2.8	16,914	3.65	617	13	43	+514	-.03	+14	+25
01-09-62 1189870 4539521 5-71					21		15,927	3.73	594						
1416742 INGLIS TOPPER 8URKGOV.....	52-01	41	2	1-52	51	2.7	14,596	3.66	534	10	77	+55	+.08	+13	+12
12-29-61 1038509 4580454 5-71					27		14,589	3.56	519						
1416743 FULTONWAY IVANHOE CORVETT.....*		19	2	3-16,21,	26	2.5	15,847	3.69	585	10	61	+452	+.05	+23	+31
08-21-61 1189870 4382863 5-71				23	20		15,236	3.62	552						
1416762 WIS8EE NO8LE.....*		2	16	1-21	18	2.8	13,062	3.77	492	6	29	-140	+.04	+1	-3
01-15-62 1298378 3010333 5-71					54		13,515	3.60	486						
1416771 RIVERLEA IVANHOE.....*	72-01	11	31	3-11,21,	61	2.1	16,596	3.69	613	11	41	+392	+.10	+28	+33
01-13-62 1189870 3662623 5-71				23	26		15,837	3.48	551						
1416772 LAVACRES SOVEREIGN SUMMER.....		3	28	1-93	50	1.5	17,610	3.43	604	3	36	+534	-.04	+13	+25
01-15-62 1382958 3882799 5-71					25		16,383	3.51	575						
1416773 LAVACRES SOVEREIGN SUPER-TWIN.		3	81	1-93	103	1.8	16,276	3.67	598	21	33	-179	+.03	-3	-7
01-15-62 1382958 3882799 5-71					126		17,147	3.62	621						
1416774 LAVACRES SOVEREIGN STERLING...*		6	65	2-91,93	75	2.2	17,267	3.61	624	3	32	-58	+.02	0	-2
01-21-62 1382958 4186642 5-71					130		17,842	3.60	642						
1416794 VIN-MAR SOVEREIGN COMMANOER...*		2	6	1-31	11	2.8	15,246	3.29	502	18	31	+42	-.04	-4	-2
06-24-61 1330652 4605341 5-71					13		15,239	3.42	521						
1416808 COCALICO OEAN 8URKE KING.....*		1	12	1-51	12	1.8	14,269	4.09	584	9	21	-18	+.03	+3	+2
08-06-61 1099477 4996883 5-71					24		14,402	4.01	578						
1416810 ELMER 8ROOK ROYAL OICTATOR....*		2	18	1-35	22	3.1	14,039	3.56	500	0	31	+93	.00	+4	+6
10-21-61 1349678 4573051 5-71					14		13,721	3.55	487						
1416816 RETLAW INVINCI8LE FOHON.....		2	32	1-47	48	2.0	13,939	3.92	546	9	35	-96	+.04	+2	-1
09-13-61 1342677 4321371 5-71					31		14,247	3.81	543						
1416820 ZEREYN 8RAO OE KOL LANCER.....*		1	27	1-21	27	2.4	11,567	3.60	416	16	28	-685	+.04	-20	-34
09-16-61 1360199 3540867 5-71					10		14,075	3.50	492						
1416825 STAGHEAD MOLLY DYNAMITE.....*		12	1	4-12,13,	13	1.9	14,292	3.57	510	**	44	-53	-.02	-5	-6
09-25-60 1158569 3630995 5-71				14,16	15		14,467	3.63	525						
1416826 COLO S U PILOT STAR.....*		4	32	1-84	38	1.6	13,760	3.45	475	5	29	+235	-.02	+5	+10
10-17-61 1094305 3961962 5-71					88		12,823	3.52	451						
1416835 EHRS IVANHOE INKA.....*	91-11	2	12	1-47	23	2.1	16,015	3.63	581	23	36	+494	-.03	+13	+24
01-03-62 1189870 4140009 5-71					17		14,716	3.74	550						
1416848 S C P AL.....*		2	10	1-56	20	2.2	12,392	3.44	426	42	35	-370	-.01	-15	-22
12-14-61 1138451 4187149 5-71					92		13,394	3.49	468						
1416862 VIGO ROYALTY.....*		8	1	3-35,42,	10	3.1	13,159	3.62	476	20	40	-136	.00	-5	-8
09-18-61 1305460 4348914 5-71				57	13		13,449	3.64	489						
1416867 MAYERS CAPITAINE GOVERNOR-TWIN*		1	37	1-35	37	1.2	10,630	3.14	334	**	24	-170	-.09	-18	-19
02-27-61 1394692 4506684 5-71					13		11,056	3.65	404						
1416871 MAYERS CAPITAINE 8LACK DUKE...*		8	12	3-57,61,	25	1.4	13,376	3.66	489	16	35	-257	+.02	-6	-12
12-23-61 1394692 4725043 5-71				63	57		14,143	3.60	509						
1416889 FROGMORE TEXAL PRESIOENT.....*		4	6	1-21	12	2.8	12,635	3.39	428	17	33	-253	-.04	-14	-18
01-02-62 1384377 4199521 5-71					13		13,346	3.52	470						
1416897 CARNATION ROYAL HE-MAN.....	91-13	117	3	8-81,82,	224	1.8	15,688	3.61	567	11	91	+733	-.04	+21	+36
12-24-61 1305460 3854297 5-71				87,91,92	20		14,988	3.66	549						
1416901 CARNATION PROF RESOLUTE-TWIN..*		4	14	1-91	19	2.2	13,967	3.72	520	9	30	-454	+.03	-13	-23
11-06-61 1169417 4610723 5-71					27		15,648	3.67	575						
1416902 CARNATION PROFILE PROMOTER....*		6	5	1-91	17	2.4	15,286	3.69	564	20	43	-61	+.06	+6	+3
11-12-61 1169417 4832648 5-71					31		15,596	3.57	556						
1416903 CARNATION PROFILE NIFTY.....*		2	9	1-91	18	2.2	14,578	3.76	548	22	35	-607	+.07	-13	-27
12-23-61 1169417 4578009 5-71					23		16,572	3.61	598						
1416920 HUNTING HILLS SYM8OL CUBIN....*		1	22	1-23	22	2.1	14,500	3.72	539	0	26	-126	+.07	+5	+1
06-05-61 1205994 4569093 5-71					8		15,110	3.45	522						
1416934 MAVIEW DUKE CONQUEROR.....*		4	6	2-51,54	16	2.5	13,741	3.88	533	7	39	-272	+.07	0	-7
11-29-61 1231830 3871717 5-71					59		14,499	3.72	539						
1416983 FOX CHASE LA PRIOE AAGGIE.....*		1	21	1-23	21	2.4	13,644	3.72	507	0	27	+132	-.01	+3	+6
02-07-62 1322729 3570976 5-71					45		13,067	3.79	495						
1416990 J-ART AM8ROSE 8URKE SKYLINER..*		1	25	1-23	25	2.8	12,325	3.55	437	0	28	-105	-.02	-7	-9
09-24-61 1244845 4113567 5-71					26		12,569	3.66	460						
1417030 KNOLLEND SEARSFARM RAG APPLE..*		6	3	2-21,23	15	3.5	17,239	3.41	587	7	46	+762	-.09	+14	+31
01-10-62 1085978 3696902 5-71					18		15,761	3.57	562						
1417051 CHEAT-HAM IRENE KING.....*		1	13	1-57	13	2.5	14,701	3.50	515	42	23	+92	-.02	+1	+3
07-02-60 1329679 3237828 9-70					28		14,347	3.55	510						
1417062 PRESTO 8URKE LAD APPLE.....*		2	16	1-41	18	2.3	14,319	3.74	536	0	27	+403	+.03	+19	+26
12-24-60 1167510 3307704 5-71					12		12,692	3.62	459						
1417066 8OWEN VALE JESS 8URCADER.....*		6	9	1-23	22	2.1	14,099	3.73	526	**	40	+10	+.02	+3	+3
11-18-61 1082891 4219367 5-71					21		14,090	3.70	521						
1417098 8ETIJO ORMS8Y JEREMY.....*		7	14	2-48,71	39	2.0	14,074	3.26	459	16	46	+52	-.03	-3	-1
10-06-61 1333535 3779073 5-71					23		13,963	3.32	464						
1417106 SPRING COVE FUTURE CHAMP.....		1	15	1-35	15	4.3	13,635	3.54	483	0	28	+135	+.01	+6	+8
01-23-61 1326862 3879652 5-71					10		13,065	3.51	458						
1417164 THREE-JS CLYDE ORMS8Y.....*		1	59	1-34	59	1.7	15,085	3.24	488	20	27	-4	-.03	-4	-3
11-22-61 1127694 4876411 5-71					12		15,232	3.33	507						
1417170 TA8UR ROCKET REVILLE.....	93-03	1	22	1-93	22	2.6	18,107	3.34	605	10	27	+387	-.08	+2	+12
12-04-61 1285716 3964365 5-71					222		16,989	3.59	610						
1417171 TA8UR REFLECTION PALO.....	93-03	4	12	2-86,93	36	2.4	15,704	3.52	552	10	49	+54	-.06	-6	-4
12-06-61 010248207 4804056 5-71					142		15,776	3.63	573						
1417192 EASIOE OEAN MASTERPIECE.....	35-75	21	2	8-21,31,	30	2.2	16,922	3.58	606	4	63	+396	-.01	+13	+21
11-02-61 1065220 3972960 5-71				34,91,93	84		16,559	3.59	594						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1417206 SHADYEDGE RAG APPLE CHIEF.....*		1	15	1-21	15	2.9	12,937	3.55	459	7	26	-171	-.01	-8	-11
10-01-61 1237747 4155689 5-71					15		13,565	3.63	492						
1417208 MOOSEHEART ALLIANCE.....*	33-03	680	3	42-21,23,	1,153	1.7	15,681	3.63	569	10	98	+1,003	+.01	+38	+58
12-28-61 1199324 3687388 5-71				35,41,55	21		14,738	3.62	533						
1417252 HUFFMAN PRINCE ROYAL.....*		6	3	1-35	14	1.4	12,496	3.59	449	**	37	-225	.00	-8	-12
07-03-61 1352707 3827773 5-71					7		13,020	3.61	470						
1417265 RAG APPLE SEGIS GER8EN.....*		3	15	1-35	22	2.2	14,363	3.88	558	6	32	-382	+.08	-3	-12
09-06-61 1258673 4718154 5-71					11		15,739	3.67	577						
1417290 RINCON VAR SKYVIEW LAD.....*	33-03	4	30	2-33,93	36	1.7	18,615	3.65	680	6	29	+350	+.07	+22	+27
10-19-61 1244845 4754843 5-71					56		17,782	3.45	613						
1417301 MATCHETTPEAK ASTROJET.....*		1	22	1-34	22	2.3	15,305	3.40	520	9	26	+170	-.04	0	+4
08-28-61 1190632 4163140 5-71					6		14,741	3.55	524						
1417309 PENNY 8ENEFACTOR ISAAC.....		2	47	1-42	51	2.2	9,933	3.95	392	0	30	-308	+.04	-6	-13
01-16-62 1199324 3662981 5-71					9		10,635	3.83	407						
1417310 EOOYOALE OR8IT GLEN.....	21-10	49	1	2-13,21	51	2.4	14,875	3.53	525	15	78	-135	-.02	-8	-10
01-24-62 1085978 4212719 5-71					24		15,174	3.56	540						
1417360 HOMVALE FOREMOST COMET.....*	35-21	46	2	5-13,14,	57	1.9	14,729	3.57	526	9	77	+202	-.08	-4	+2
01-24-62 1170426 3961525 5-71				35,41,52	15		14,523	3.69	536						
1417390 PACLAMAR IVANHOE 8LACK EAGLE..*	33-03	73	3	22-21,22,	99	1.3	15,108	3.65	552	12	80	-348	+.04	-7	-15
02-01-62 1189870 4494503 5-71				23,35,84	21		15,723	3.62	569						
1417392 PACLAMAR SENATOR CREATION.....		1	24	1-31	24	2.4	13,586	3.57	485	5	27	+25	-.01	0	+1
02-23-62 1252985 5024220 5-71					27		13,445	3.60	484						
1417403 MAPOVAL SKY WALKER.....*		6	13	4-16,22,	23	2.5	15,292	3.71	567	18	36	+9	-.03	-4	-3
10-11-61 1244845 4115989 5-71				23,51	30		15,413	3.81	588						
1417407 CO-VALE AOMIRATION 8ELLE 8OY..*		2	13	1-21	15	3.2	14,017	3.90	547	7	29	-283	+.09	+2	-6
11-27-61 1358647 3696698 5-71					34		15,130	3.60	544						
1417425 SAN JOHO DELLA ORMS8Y LAO.....*		1	19	1-93	19	3.2	16,760	3.69	619	11	28	+181	.00	+6	+10
07-09-61 1217639 4395428 5-71					44		16,346	3.71	607						
1417431 RANGELOT CRESCENT DEVAR.....*		2	26	1-33	28	3.2	14,222	3.55	505	14	31	+276	-.01	+9	+15
04-26-61 1174329 4535556 5-71					10		13,246	3.56	471						
1417469 GEHL-ACRES WALTER.....*		3	8	1-35	11	2.3	12,513	3.79	474	**	27	+39	+.03	+5	+5
10-06-61 1376402 4800718 1-71					31		12,193	3.70	451						
1417473 PERRYDELL IVANHOE GENERAL.....*		3	13	2-22,23	27	1.9	14,944	3.66	547	20	38	+39	.00	+1	+2
10-25-61 1189870 4817114 5-71					9		14,942	3.68	550						
1417475 ORMSBY SPRUNGERVALE ROMEO PAT.		1	10	1-32	10	2.2	14,706	3.74	550	0	22	+184	-.01	+5	+9
01-04-62 1283313 4838570 1-71					10		13,878	3.81	529						
1417487 CHEROKEE SIR SEARS.....	35-21	23	1	4-35,41,	24	2.1	14,746	3.51	517	0	61	+523	-.10	+5	+18
10-08-61 1085978 4111759 5-71				42,47	18		13,877	3.67	509						
1417488 8IRDLAWN IVANHOE RO8IN.....*		8	2	3-35,55,	12	2.4	15,307	3.52	539	9	43	+513	-.02	+15	+26
10-27-61 1189870 4311555 5-71				72	14		14,129	3.57	504						
1417496 COUNTY LINE RANGER RO8URKE....*		7	3	3-35,73,	15	2.1	14,131	3.35	474	18	42	+96	-.07	-7	-3
09-12-61 1366184 4574736 5-71				84	19		13,896	3.53	491						
1417507 ROC8Y TIDY URN A8E.....		4	6	1-52	18	1.6	13,747	3.37	463	10	39	+271	-.03	+5	+11
02-11-62 1189679 4301360 5-71					20		12,946	3.43	444						
1417509 KIMVALE SEARS ARISTOCRAT LAO..	21-10	54	1	4-13,14,	60	2.2	15,193	3.51	533	18	79	+129	-.05	-2	+2
08-30-61 1085978 4539918 5-71				16,21	25		15,151	3.57	541						
1417522 HAYSSEN SHAMROCK RU8E.....*		12	1	4-21,31,	15	2.5	13,880	3.68	511	0	49	-463	+.05	-10	-20
01-02-62 010260599 4935706 5-71				55,61	14		14,924	3.59	536						
1417523 HAYSSEN O V ORUMMER.....*		2	34	1-21	36	1.6	13,674	3.37	461	29	27	+164	-.04	0	+4
01-04-62 1309948 4935715 5-71					72		12,962	3.53	457						
1417525 HAYSSEN O V ADMIRAL.....*		2	8	1-35	11	3.0	14,327	3.64	521	18	28	+53	+.04	+8	+8
09-21-61 1309948 4577346 5-71					7		14,158	3.46	490						
1417533 HAS8ROUCKS OUNLOGGIN MONTVIC..*		5	3	1-23	10	2.7	14,206	3.58	509	0	34	-79	-.01	-4	-5
09-14-61 1304894 3358057 5-71					21		14,494	3.62	525						
1417544 STANWELL CHARIOTEER IVAN.....*		3	24	2-12,14	30	2.3	12,934	4.02	520	14	31	-79	+.10	+11	+7
01-14-62 1189870 4696461 5-71					32		13,114	3.68	483						
1417548 GENERAL MONTEAM IVANHOE.....*		1	10	1-23	10	2.8	12,482	3.89	486	10	24	-425	+.02	-13	-22
01-28-62 1215402 4771955 5-71					19		14,327	3.82	548						
1417561 PIE8E ORLEANS OUNLOGGIN TIDY..		1	11	1-52	11	1.0	13,012	3.64	473	0	18	-14	.00	0	0
01-28-62 1189679 4063944 5-71					5		13,002	3.62	471						
1417589 ECHOVALE ROMULUS AGAIN.....*		1	11	1-35	11	2.9	12,317	3.76	463	9	24	-140	+.01	-4	-7
11-23-61 1210078 4222901 5-71					6		12,789	3.78	484						
1417627 TYLER FARMS CORONA PAT.....*		9	11	2-12,13	33	2.2	11,895	3.86	459	15	46	-390	+.04	-9	-18
11-26-61 1289225 4857081 5-71					16		12,616	3.79	478						
1417645 RAYSIDE FO8ES OS8ORNDALE.....*		2	16	1-23	18	2.4	15,753	3.30	520	6	27	+323	-.10	-2	+7
02-13-62 1189870 3996093 5-71					17		14,639	3.65	534						
1417646 HILL DAIRY 8ILL.....*		1	27	1-52	27	2.2	14,025	3.54	497	**	27	+41	-.01	0	+1
12-22-61 1189679 4102695 5-71					38		13,867	3.58	497						
1417652 MOWRY MAGICIAN.....*		4	17	1-23	26	2.2	17,038	3.45	588	20	33	-11	-.03	-5	-4
09-20-61 1138451 4790509 5-71					42		17,421	3.54	616						
1417659 DERRWYN P L SKOKIE 8EN.....*		6	5	2-51,55	14	3.1	13,486	4.00	540	0	39	-85	+.06	+5	+2
09-09-61 1199324 4630906 5-71					17		13,680	3.87	529						
1417684 SEQUOIA 8RILLIANT STAR.....*		3	12	1-93	16	2.3	16,205	3.78	612	33	28	-308	+.04	-5	-12
10-21-61 1274923 4440455 5-71					94		17,701	3.67	650						
1417686 PLEASANTLAND MAGICIAN.....*		10	13	1-33	31	2.2	15,007	3.86	580	10	42	-154	+.04	0	-4
10-17-61 1138451 2922710 5-71					11		15,538	3.80	590						
1417702 FORELL DUKE KNIGHT.....*		2	18	2-16,35	20	3.1	14,427	3.89	561	6	30	-24	+.01	0	-1
12-10-61 1368233 3671235 5-71					16		14,575	3.88	566						
1417703 KING MARVEL ORMS8Y PIEBE.....*		11	4	3-35,43,	18	2.6	14,544	3.57	519	8	46	+231	-.09	-4	+3
08-05-60 1254910 4606545 5-71				47	17		14,053	3.79	532						
1417720 TEXAL MAPLE MAJESTIC.....*		19	16	10-33,42,	91	2.4	16,275	3.43	558	15	65	+892	-.07	+22	+41
04-10-58 010218036 010862843 5-71				85,87,93	58		15,012	3.50	526						
1417757 DINGLEY OELL SKYLINER CAESAR..		1	14	1-41	14	2.6	14,695	3.48	512	14	25	-101	-.01	-5	-7
11-11-61 1244845 3889645 5-71					11		15,242	3.56	542						

REGISTRATION NUMBER NAME DF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1417761 FAYNE ARWYN NETHERLAND.....*		2	14	1-35	22	2.3	14,855	3.66	544	14	33	+39	+.02	+4	+4
03-14-61 1324354 4765284 5-71					23		14,824	3.61	535						
1417762 TOPVALE DELLA MOSE.....*		1	14	1-51	14	1.4	12,729	3.66	466	**	22	-172	-.01	-7	-10
10-07-61 1151349 4454157 5-71					4		13,490	3.73	503						
1417763 COOL LAWN GENERAL JOE.....*		2	11	1-51	13	2.3	14,376	3.84	552	8	26	+2	-.01	-1	-1
01-02-62 1189870 3532740 5-71					23		14,414	3.91	564						
1417769 CARNATION ROYAL SENSATION.....*		9	3	1-41	18	2.1	12,767	3.55	453	**	48	-324	-.04	-17	-23
10-30-61 1305460 4610722 5-71					15		13,391	3.65	489						
1417789 MON CHER BURKE TD8Y.....		1	31	1-42	31	1.9	10,311	3.53	364	26	26	-226	-.04	-14	-17
07-19-61 1185854 4046811 5-71					10		10,872	3.81	414						
1417791 SUNTOP ROYAL MAXIE.....*		1	22	1-91	22	2.1	13,560	3.60	488	0	26	-213	+.03	-4	-9
01-07-62 1349680 3996933 5-71					13		14,434	3.51	506						
1417843 PLATTCO STAR.....		6	10	1-93	22	2.5	15,584	3.65	569	5	40	+31	-.07	-8	-6
12-10-60 1320929 4015396 5-71					35		15,682	3.84	602						
1417855 GREEN COVE DOUBLE BURKE.....*		2	8	1-31	13	2.1	13,962	3.52	492	17	29	+167	-.01	+4	+8
09-24-61 1338935 4856847 5-71					21		13,317	3.57	475						
1417873 LARKFIELD L S LEM.....*		4	4	1-32	12	3.3	13,330	3.70	493	17	37	-267	+.04	-4	-10
11-12-61 1332585 4815286 5-71					13		14,076	3.59	506						
1417875 LARKFIELD PEARL CHAMP.....*		8	9	1-32	25	2.4	13,385	3.48	466	13	44	-281	-.04	-16	-21
01-18-62 1359770 3313774 5-71					13		14,035	3.61	506						
1417979 HARTLAND DELLA SYMBOL.....*		1	16	1-34	16	2.4	13,907	3.62	503	15	25	-136	+.04	0	-4
12-03-61 1189593 3635921 5-71					33		14,509	3.49	507						
1418023 FOREST BOLD SKYBOY.....*		8	49	4-23,35,	62	2.1	14,131	3.51	496	15	33	+128	-.03	0	+3
04-18-61 1244845 3699373 5-71				51,57	31		13,719	3.64	499						
1418031 VISTA GRANDE GOLD STAR ADMIRAL*		7	10	1-23	20	2.9	14,813	3.79	562	5	38	-9	+.04	+5	+4
11-18-61 1170716 4762765 5-71					17		14,938	3.71	554						
1418050 TAYLAKER IVANHOE AMERICA.....	91-11	12	20	2-86,93	97	1.5	18,290	3.47	635	6	59	+768	-.03	+23	+39
01-07-62 1189870 3759103 5-71					154		17,326	3.50	607						
1418083 WIL-BRUST ADMIRAL GINGER.....*		19	4	2-42,47	40	2.2	13,681	3.45	472	8	63	+92	-.09	-10	-6
09-20-61 1202814 3401299 5-71					16		13,490	3.62	488						
1418091 ROBTHOM FOND FANCY.....*		2	25	1-43	27	1.9	13,880	3.42	475	20	27	-81	-.03	-7	-8
01-01-62 1250992 3563313 5-71					4		14,214	3.55	505						
1418162 MACKSIMUM FOND LADYSMAN.....*		1	46	1-48	46	2.0	17,540	3.57	626	23	27	-60	+.02	0	-2
02-04-62 1243697 4257096 5-71					42		18,188	3.54	644						
1418163 ND-NA-ME ELMCROFT MERIT.....		2	24	1-73	47	1.9	16,762	3.51	588	21	41	+268	-.01	+8	+14
01-03-62 1157778 4418378 5-71					16		16,348	3.52	576						
1418173 ARLINDA A B C CHRISTMAS.....		1	47	1-93	47	1.2	16,577	3.44	571	**	24	+89	-.02	0	+2
12-24-61 1276654 4022409 5-71					39		16,463	3.54	582						
1418174 ARLINDA MONTY SUPER8.....*		4	4	1-93	11	1.6	18,179	3.49	634	13	32	+209	-.01	+6	+10
01-03-62 1384372 4997562 5-71					25		17,914	3.50	627						
1418181 DISTINCTION BUTTER BOY JULE...*		1	10	1-35	10	1.4	14,340	3.48	499	**	20	-32	-.01	-3	-3
09-07-61 1368957 5006432 5-71					8		14,574	3.59	523						
1418182 DISTINCTION FLORIE BUTTER BOY.		1	24	1-35	24	1.7	15,708	3.59	564	8	25	+146	-.04	0	+4
10-20-61 1368957 3974333 5-71					22		15,253	3.77	575						
1418243 IMHI OEAN ADA.....	35-21	23	2	4-35,41,	30	1.9	13,786	3.57	492	26	63	-130	-.03	-9	-11
02-17-62 1085978 5120121 5-71				42,47	23		13,999	3.64	509						
1418261 VAN B OAHLIA ECHO SIR CAPTAIN.*		3	5	2-51,54	12	2.4	13,658	3.75	512	20	33	-141	-.02	-8	-10
02-11-61 1151349 3235269 5-71					37		14,100	3.85	543						
1418263 ROYVIN IVANHOE CONQUEST.....*		4	22	2-41,46	28	2.0	15,491	3.89	603	11	30	+8	+.04	+6	+5
11-15-61 1189870 4891701 5-71					17		15,635	3.78	591						
1418264 ROYVIN BURKGOV ADMIRAL.....	41-01	82	2	7-35,41,	100	1.3	14,759	3.56	526	16	83	+448	-.04	+10	+20
09-20-61 1038509 4696785 5-71				42,45,87	18		14,251	3.61	515						
1418269 GLEN-DODIE ROCKET LE ACE.....		1	17	1-41	17	1.9	14,416	3.36	485	38	24	+40	-.03	-3	-1
12-02-61 1372018 4031614 5-71					5		14,283	3.51	502						
1418350 KASHOME IDEAL BURKE TIDY.....*		4	18	2-41,47	23	1.7	13,312	3.94	524	15	29	-33	+.07	+8	+6
01-05-62 1343899 3874303 1-71					14		13,373	3.71	496						
1418353 PROVIN MTN IVANHOE.....*	35-21	5	36	4-35,41,	44	2.2	18,671	3.79	707	5	31	+774	.00	+28	+43
01-27-62 1189870 3993901 5-71				43,47	7		16,450	3.83	630						
1418373 STERLINGDALE REGAL LUCKY.....*		5	5	1-21	14	2.4	13,747	3.86	530	17	36	-556	+.08	-9	-22
03-26-61 1324688 3890094 5-71					21		15,424	3.65	563						
1418374 SIMPSON FARM TIDY GENT.....*	23-13	484	3	10-21,22,	982	1.4	15,334	3.68	565	12	98	+46	+.01	+3	+4
09-19-61 1300014 4625057 5-71				23,51,93	19		15,436	3.69	569						
1418400 SKOKIE DUKE CREATOR.....*		7	21	1-21	43	2.7	16,601	3.49	580	9	44	-276	+.01	-9	-15
10-10-61 1288610 3684075 5-71					30		17,600	3.49	615						
1418405 MISTYVALE RAJAH.....*		13	1	3-21,22,	15	2.3	14,974	3.79	568	7	48	+295	+.04	+17	+22
03-03-61 1286036 4115571 5-71				23	17		14,409	3.71	535						
1418406 MISTYVALE FERNANDO.....*		2	21	1-50	23	1.7	16,220	3.66	594	14	26	+22	+.01	+2	+2
09-03-61 1237057 4592881 5-71					12		16,376	3.63	595						
1418420 KUEHLCREST TRANSMITTER JERRY..*		4	10	1-42	21	2.9	13,303	3.53	470	6	40	+403	-.02	+12	+20
09-27-61 1339976 3985237 5-71					43		12,103	3.58	433						
1418456 HEUERS DANDY DUKE.....		1	28	1-41	28	2.0	13,293	3.61	480	8	26	+70	-.03	-1	+1
03-31-62 1341633 4197667 5-71					6		12,921	3.75	485						
1418466 ELMGLADE DONNA FAIRBRAE.....*		7	2	2-21,23	10	2.1	14,219	3.69	524	33	36	-113	-.02	-7	-9
12-01-61 1064990 4455299 5-71					14		14,598	3.77	551						
1418516 FORELL SKY PRINCE.....*		1	12	1-35	12	3.0	12,013	3.72	447	8	25	-264	.00	-10	-15
01-23-62 1244845 4025635 5-71					8		12,982	3.77	489						
1418519 VISTA GRANDE ADMIRAL DUKE.....*		2	17	1-23	19	2.5	13,762	3.49	480	0	28	+107	-.05	-3	0
11-02-61 1170716 3943008 5-71					33		13,314	3.72	495						
1418521 GREENWOOD FOLLOW ON DUKE.....*		9	12	1-23	36	2.8	14,012	3.99	559	3	49	-38	+.12	+16	+12
10-11-61 1316590 3260344 5-71					18		14,109	3.74	528						
1418525 SKYLARK PILOT PRINCE.....*		1	13	1-42	13	2.6	14,168	3.55	503	25	24	+171	-.04	+1	+5
09-03-60 1304049 4036709 5-71					8		13,413	3.72	499						
1418557 LONE RANCH ELSIE LEADER KATE..*		6	14	1-21	23	1.9	16,101	3.56	573	20	33	-30	+.04	+4	+3
08-16-61 1150470 3311904 5-71					25		16,447	3.45	567						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1418579 RO-DA-SYL IVANHOE DUKE.....*		3	22	2-33,61	27	2.3	16,788	3.49	586	12	31		+635	-.10	+8	+23
11-18-61 1189870 4852687 5-71					25		14,792	3.83	567							
1418604 TIDY BURKE RENVILLE.....*		8	14	5-21,41,	43	1.4	14,629	3.59	525	19	45		-40	+.01	0	-1
04-12-61 1329249 4414066 5-71				43,48,92	50		14,806	3.58	530							
1418641 JACKS PLACE LEON.....*		2	8	1-21	10	2.5	14,530	3.61	525	20	25		-200	-.01	-8	-12
01-05-62 1199324 4002567 5-71					12		15,494	3.67	568							
1418644 PERFECTION HAZEL ORMSBY GREAT.*		3	7	2-43,47	15	1.6	12,985	3.77	490	62	32		-434	+.03	-12	-21
03-07-61 1243399 4373951 5-71					24		14,394	3.70	533							
1418667 BLOSSOMELLE BLACK GOLD.....*	23-09	467	3	12-16,23,	785	1.9	14,286	3.77	538	11	98		-229	+.02	-6	-11
01-02-62 1189870 4017841 1-71				50,51,52	20		14,586	3.77	550							
1418686 RO-RIA G W M OUNLOGGIN.....*		1	32	1-23	32	2.8	13,449	3.50	471	4	29		+83	-.04	-3	0
10-20-61 1316050 3407462 5-71					49		13,079	3.69	483							
1418713 SKYLARK FORWARD CORRECTION P J*		1	15	1-35	15	3.6	13,335	3.75	500	7	27		-32	-.01	-3	-3
04-26-60 1194661 4173247 5-71					14		13,402	3.85	516							
1418737 REGENT TEXAL SUPREME.....*		14	6	6-43,48,	36	2.6	12,600	3.54	446	16	59		-611	+.02	-19	-32
01-24-61 010263853 011364515 5-71				63,71,86	24		13,604	3.51	477							
1418738 REFLECTION CITATION MAPLE.....*		13	17	4-43,47,	42	2.4	14,611	3.49	510	6	46		+80	-.02	0	+2
03-25-61 1492073 011134100 5-71				48,86	44		14,493	3.52	510							
1418772 REOFIELD MASTERPIECE CREATION.*		1	19	1-46	19	2.4	15,983	3.50	560	5	26		+473	-.05	+10	+21
03-11-62 1280015 3784440 5-71					18		14,197	3.68	522							
1418778 PINEHURST PROSPERITY LAD.....*		2	22	2-35,42	24	2.5	15,346	3.60	553	14	29		+138	+.01	+6	+9
11-24-61 1259037 3633760 5-71					14		14,972	3.59	537							
1418779 PINEHURST OIVIOENO-TWIN.....*		1	32	1-21	32	2.0	15,005	3.73	559	28	27		-431	-.02	-18	-26
02-05-62 1259037 3550881 5-71					22		16,927	3.81	645							
1418781 PINEHURST ADMIRAL JULE.....		1	20	1-35	20	2.4	15,326	3.43	526	6	27		+63	-.02	0	+2
10-31-61 1286826 2851789 5-71					31		15,215	3.51	534							
1418782 PINEHURST KLAZERINA MIDNIGHT..*		6	16	2-22,35	28	2.5	13,845	3.52	488	8	37		-352	-.02	-15	-22
12-11-61 1286826 4419735 5-71					21		14,895	3.59	535							
1418784 PINEHURST BONNY SYMBOL.....*		3	29	1-35	33	2.1	15,311	3.40	521	3	29		+430	-.06	+7	+17
12-09-61 1244845 3499841 5-71					19		13,837	3.58	495							
1418795 GRAY VIEW X PREVIEWER.....*		5	35	1-41	61	2.5	15,009	3.88	583	13	41		+134	+.11	+20	+20
09-30-61 1378594 4680791 5-71					17		14,761	3.64	537							
1418796 GRAY VIEW X CLASSIC.....*		29	23	4-16,21,	105	2.4	14,615	3.72	544	5	63		-434	+.09	-4	-15
10-02-61 1378594 4680792 5-71				23,72	17		15,461	3.60	557							
1418810 RETLAW DUKE TALLCORN SHOWBOY..*		6	4	2-41,74	11	2.3	13,510	3.71	501	25	34		-276	+.02	-7	-13
12-24-61 1298858 4983698 5-71					12		14,381	3.66	527							
1418834 SKYLINER PRINCE INKA.....*		3	9	1-48	16	3.0	14,123	3.51	496	19	35		+72	.00	+2	+4
11-13-61 1244845 3078976 5-71					18		13,915	3.51	488							
1418862 MAVIEW PILOT PIONEER.....		1	41	1-11	41	2.2	14,348	3.67	527	0	28		+104	+.01	+5	+7
11-06-61 1364243 3804036 5-71					9		13,979	3.65	510							
1418863 MAVIEW PILOT LESEYLA.....*		6	8	4-11,12,	16	1.9	16,917	3.65	618	19	33		+229	-.05	+1	+7
11-17-61 1246708 4465152 5-71				13,52	19		16,487	3.81	628							
1418864 MAVIEW IRVING FOREMOST.....*		6	37	1-11	57	2.0	13,049	3.59	469	10	37		-267	+.01	-8	-14
12-02-61 1373411 4911213 5-71					37		13,767	3.57	492							
1418867 MAVIEW PRESTON CONQUEROR-TWIN.		1	15	1-11	15	1.7	14,296	3.82	546	29	23		-123	+.03	0	-3
02-19-62 1231830 3593767 5-71					24		14,942	3.73	558							
1418879 CEEOEEVALI INSIGNIA PATHFINDER*		4	7	1-21	18	2.7	18,512	3.66	677	18	40		+808	-.01	+27	+43
11-12-61 1179372 4133950 5-71					13		16,759	3.70	620							
1418927 POSCH SHANGHIGH IVANHOE.....*	31-02	137	5	16-21,31,	263	1.2	14,513	3.69	535	13	90		+291	+.03	+15	+20
03-11-62 1189870 3564646 1-71				43,56,57	23		14,217	3.66	520							
1418930 B O N C SEGIS GINGER JESSIE...*		5	4	1-55	12	2.3	13,324	3.66	488	30	36		-687	+.01	-24	-38
09-29-61 1258673 3970267 5-71					24		15,409	3.66	564							
1418934 NICOLK RAROYAL CHIEF.....*		6	8	3-21,22,	26	2.8	15,681	3.41	534	4	48		-74	-.07	-12	-12
02-19-62 1341273 4450473 5-71				23	10		16,050	3.54	568							
1418947 MAYERS DUKE RECORDER.....*		1	21	1-35	21	3.0	13,226	3.76	497	14	28		-247	+.03	-5	-11
10-29-61 1293580 3981610 5-71					18		14,146	3.67	519							
1418953 MAYERS DUKE AIM.....*	35-04	75	3	16-21,34,	132	2.1	12,879	3.73	480	19	87		-1,192	+.07	-34	-59
04-01-61 1293580 3448324 5-71				35,41,63	19		14,281	3.66	522							
1418954 MAYERS DUKE PROFILE.....		2	58	1-85	78	2.2	14,723	3.42	503	15	35		-101	.00	-4	-6
07-18-61 1293580 3818538 5-71					289		15,132	3.42	518							
1418996 PETAUG PRINCE MISTER.....*		1	13	1-16	13	3.2	14,899	3.46	516	0	26		+222	-.03	+4	+9
10-23-61 1383495 4192008 5-71					8		14,048	3.57	502							
1419005 VIGO GALAXIE.....*	35-21	90	5	7-32,34,	148	1.3	14,580	3.48	508	20	84		-787	-.15	-48	-60
10-16-61 1189870 4757614 5-71				35,41,43	17		15,693	3.66	574							
1419017 KIEROALE INKA BUTTERBOY.....*		1	11	1-34	11	3.0	16,472	3.56	587	0	24		+371	-.02	+10	+18
09-01-61 1308419 3592075 5-71					22		15,051	3.67	552							
1419022 OLEY SPRINGS WAYNE BURKE.....*		3	10	2-21,23	16	3.1	14,346	3.62	519	8	34		+33	-.02	-1	0
10-28-61 1105403 3239789 5-71					33		14,282	3.69	527							
1419023 VALLA VISTA LYDIA GREAT.....		1	15	1-47	15	1.5	9,827	3.88	381	**	22		-121	+.03	0	-3
12-28-61 1243399 4783058 1-71					3		9,986	3.76	375							
1419079 DUNCO SYMBOL EXPERT.....*		7	4	4-22,35,	16	2.3	14,878	3.51	522	23	43		+465	-.05	+9	+20
03-29-61 1273720 3842807 5-71				42,57	11		13,783	3.63	501							
1419087 SANDHURST NEPTUNE JASON.....	35-75	25	1	10-32,55,	28	1.9	15,532	3.77	586	10	63		-111	+.12	+13	+8
03-11-62 1215995 3892539 5-71				73,91,93	54		15,907	3.60	573							
1419167 FAST BRANCH MECHTHILDE LYON...*		9	8	4-21,23,	29	2.7	13,684	3.76	515	19	50		-526	+.10	-5	-18
01-01-62 1210078 3655008 5-71				35,85	17		14,816	3.58	530							
1419205 ROBURKE JOAT ADMIRAL.....*		3	13	1-42	28	2.0	14,624	3.71	542	11	39		-9	+.01	+1	+1
03-04-62 1343979 4524435 5-71					16		14,728	3.69	544							
1419235 ASU LEOPOLD SADIE IVANHOE.....*		1	25	1-86	25	2.1	15,368	3.59	552	36	26		-220	+.05	-1	-7
12-20-61 1189870 4635489 5-71					49		16,486	3.44	567							
1419246 SILVER TOP IDEAL MONOGRAM.....*		6	4	3-21,22,	12	2.3	13,674	3.60	492	13	37		-406	+.02	-12	-20
02-22-62 1150470 4691197 5-71				23	12		14,883	3.57	531							
1419265 LOCHLAWN FIELD MARSHAL.....	41-25	83	2	6-35,41,	119	2.3	14,530	3.66	532	15	87		+97	-.02	0	+3
10-24-61 1243697 4649706 5-71				42,45,46	14		14,471	3.70	536							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	% REPT	PREDICTED DIFFERENCES MILK	%	FAT	$$
1419288 PROGRESSIVE COLUMBUS CHOICE...*		1	10	1-35	10	2.5	15,170	3.74	567	20	22	+51	-.01	0	+1
10-12-61 1237666 4089088 5-71					14		15,055	3.83	576						
1419295 WISOF KING FALIERI.....*		4	9	3-35,63,	17	2.4	15,041	3.62	544	6	34	+380	-.05	+6	+15
11-29-61 1234490 3382624 5-71				74	38		13,936	3.80	529						
1419306 WISOF BLACKIE FEOERICI.....*		4	9	3-35,43,	16	1.9	12,101	4.13	500	14	31	-383	+.09	-1	-11
12-30-61 1317558 4291710 5-71				74	38		13,276	3.83	508						
1419341 COLLINS-CREST JUPITER FOBES...*		6	4	2-13,14	14	2.1	16,848	3.54	596	31	38	+434	.00	+15	+24
10-01-61 010251671 4201732 5-71					18		15,887	3.54	563						
1419355 LEA INN BUTTER BOY FRED.....*		3	10	1-42	14	2.7	12,889	3.37	435	0	29	-209	-.02	-10	-14
10-16-61 1373030 4231628 5-71					7		13,565	3.46	469						
1419376 ROSE-E-VUE IVANHOE GLENN.....	35-03	6	31	1-35	54	2.5	15,194	3.91	594	6	41	+265	+.07	+19	+23
12-29-61 1189870 4670676 5-71					11		14,607	3.78	552						
1419435 O-DAY SKYLIGHTER ECHO.....*		3	11	1-87	23	2.7	14,235	3.36	479	4	40	+252	-.10	-5	+2
02-13-62 1359770 4618785 5-71					26		13,565	3.63	493						
1419437 KNOLLSIOE ROYAL MASTER NEET...*		5	11	2-42,43	22	2.5	14,172	3.47	492	10	38	+37	.00	+1	+2
01-21-62 1167510 4999979 5-71					8		14,087	3.46	488						
1419461 TIDFARM COLONEL.....*		1	35	1-57	35	1.7	13,375	3.80	508	4	26	-46	+.03	+3	+1
03-06-62 1287298 3376053 5-71					53		13,513	3.67	496						
1419504 EAVESTEAO THENOARA MASTEROEAN.*		2	8	1-21	11	3.6	15,276	3.48	532	**	30	+690	-.05	+18	+33
10-11-61 1245520 4320607 5-71					21		12,842	3.64	468						
1419528 STOWELL FARMS LOUGO BUTCH.....*	21-10	64	1	3-11,13,	68	2.7	15,930	3.58	571	14	82	+452	+.02	+19	+27
07-29-61 1038509 2903874 5-71				21	20		15,537	3.56	553						
1419537 KNOLLTOP SENSATION E8EN.....		1	17	1-34	17	2.1	15,811	3.85	608	17	24	+199	+.04	+13	+16
10-05-61 1308101 4527048 5-71					5		15,103	3.72	562						
1419548 MAN-O-WAR B F CRESCENT MOSE...*		1	37	1-33	37	1.8	12,924	3.63	469	**	26	-50	+.01	0	-1
10-01-61 1188731 4038418 5-71					8		13,027	3.62	471						
1419552 WESTSIOE LANCE IVANHOE.....	52-01	124	2	1-52	206	1.9	14,276	3.54	506	10	91	-349	-.05	-19	-25
01-04-62 1189870 4252586 1-71					25		14,739	3.60	531						
1419560 GENE ACRES SUPREME LAO.....*		2	16	1-35	18	2.8	16,204	3.63	588	0	29	+179	-.01	+5	+9
02-01-62 1382768 4709221 1-71					13		15,763	3.66	577						
1419567 B H BURKGOV MAT IRVIN.....*	55-01	8	6	1-55	31	2.1	17,586	3.43	604	13	54	+454	-.10	+2	+13
11-26-61 1038509 3817272 1-71					45		17,049	3.59	612						
1419570 SWAMPY HOLLOW LUCIFER CRUSAOER*	35-05	50	2	5-33,34,	73	1.9	13,951	3.58	500	14	80	-179	-.06	-15	-17
01-26-62 1014925 3890656 5-71				35,41,42	14		14,202	3.68	522						
1419572 ROCKCREST ROYAL CHALLENGER....*		5	5	2-35,42	13	2.5	14,878	3.38	503	9	35	-11	-.08	-11	-9
04-15-62 1305460 3284253 5-71					26		15,019	3.61	542						
1419618 PAT BROWNDALE PERSEUS.....*		1	17	1-86	17	2.1	17,332	3.37	584	7	25	+258	-.02	+6	+12
10-22-61 010260599 011332250 5-71					59		16,542	3.42	565						
1419629 GRAY VIEW X SKYLANOER.....*	33-03	211	2	33-21,23,	272	1.6	14,279	3.55	507	17	94	-249	-.04	-15	-19
07-26-61 1378594 3677659 5-71				32,35,41	18		14,613	3.61	527						
1419631 GRAY VIEW X DOUBLE CRIS.....*	35-05	60	2	5-33,35,	85	2.1	13,494	3.68	496	15	83	-485	+.03	-13	-23
09-20-61 1378594 4216792 5-71				41,42,74	21		14,092	3.65	514						
1419632 GRAY VIEW X CORRELATOR.....*		4	10	1-35	17	2.2	13,787	3.95	544	25	32	-477	+.13	0	-12
10-13-61 1378594 4418741 5-71					15		15,431	3.55	548						
1419633 GRAY VIEW X TRADITION.....*		6	31	2-35,41	63	1.9	13,282	3.79	503	13	42	-373	+.04	-8	-16
10-21-61 1378594 4397177 5-71					41		14,201	3.72	528						
1419662 TIERNEY ARISTOCRAT BEV CHURCHY*		2	22	1-52	26	2.2	16,030	3.62	580	8	29	+137	+.02	+8	+10
07-29-61 1124780 4596776 5-71					54		15,738	3.55	559						
1419722 GUY EDGEWOOD ROBARON.....*		6	26	1-41	35	2.4	16,056	3.57	573	11	34	+277	-.01	+9	+15
01-24-62 010263154 5342447 5-71					12		15,379	3.58	550						
1419723 STEWARTHAVEN ROYAL PORTRAIT...*		28	43	7-23,34,	115	2.3	15,869	3.47	551	16	51	+55	-.01	0	+1
09-29-59 010263332 011182435 5-71				47,86,93	80		15,963	3.48	556						
1419745 WAYFIELD SENATOR.....*		1	32	1-32	32	2.7	15,362	3.70	568	13	29	-136	-.02	-7	-9
08-24-61 1376402 3832699 5-71					32		16,049	3.77	605						
1419755 TIOY BURKE BONUS.....*		15	16	8-33,43,	59	1.5	16,254	3.46	562	19	52	+705	-.07	+15	+31
07-06-61 1329249 2948519 5-71				47,48,74	50		14,989	3.58	537						
1419756 MELLERAY PIETJE FOBES.....*		4	8	2-33,42	14	1.5	13,975	3.69	516	50	29	-57	-.01	-4	-5
03-07-62 1392106 4405182 5-71					12		14,201	3.77	535						
1419776 WESTEDGE LEADER PRINCE.....*		1	51	1-41	51	2.6	14,130	3.82	540	14	29	+238	+.04	+14	+18
01-27-61 1320622 4094836 5-71					17		13,245	3.71	492						
1419805 MANCRYCO MAPLE TOGO.....		1	48	1-42	48	2.3	12,862	3.58	461	9	29	-206	+.03	-3	-8
12-10-61 1368024 4168782 5-71					9		13,539	3.47	470						
1419839 MARDY IVANHOE LEADER.....*	23-13	223	2	4-16,21,	341	2.1	14,561	3.69	537	9	95	+14	-.05	-6	-5
02-10-62 1189870 3043657 5-71				22,23	19		14,613	3.76	549						
1419851 HOOSIER LUCKY STRIKE.....		2	28	1-32	53	2.0	14,987	3.70	554	24	41	+292	.00	+10	+16
11-23-61 1362410 4629058 5-71					17		14,306	3.72	532						
1419856 HOOSIER SOVEREIGN PAL.....*		3	12	1-34	19	1.9	14,423	4.20	606	7	31	-27	+.16	+21	+17
01-30-62 1362410 4692310 5-71					12		14,577	3.72	542						
1419866 TUM-A-LUM IVANHOE DIAMOND.....*		11	2	2-16,21	15	2.5	14,994	3.59	539	0	46	-131	+.01	-3	-6
05-22-61 1189870 4258075 5-71					23		15,428	3.58	552						
1419876 SCHOTT HENGERVELD ARKEN KING..		1	24	1-42	24	2.3	13,617	3.75	511	5	27	+37	+.01	+3	+3
10-24-61 1361508 3796668 5-71					5		13,429	3.71	498						
1419900 BARTELS COMRE LAD.....*		4	8	3-41,86,	13	2.4	13,529	3.72	503	13	30	-333	+.09	0	-9
09-20-61 1242338 4055738 5-71				93	78		14,720	3.44	506						
1419922 KANZA SKYHAWK BEAU.....*		1	14	1-48	14	3.2	13,521	3.61	488	8	26	-86	-.04	-8	-9
12-17-61 1289574 3792965 5-71					26		13,844	3.78	523						
1419936 VIGO IVANHOE LEADER.....*	63-02	11	13	3-35,58,	43	1.5	14,588	3.79	553	14	47	+167	+.06	+14	+16
08-12-61 1189870 4876597 5-71				63	17		14,263	3.68	525						
1419950 NORFRED INKA SUPREME-TWIN.....*	61-02	130	2	5-31,32,	176	1.9	14,106	3.77	532	16	91	-125	+.06	+4	0
09-14-61 010233528 3934865 5-71				33,35,74	18		14,278	3.71	530						
1419999 PRINCE POSCH MARLDALE CHEVRON.*		7	6	1-34	19	1.6	13,111	3.70	485	20	39	-465	.00	-17	-26
12-02-61 010254913 010872850 5-71					43		14,356	3.72	534						
1420015 POLYTECHNIC MASTER BOND.....*	91-11	23	10	4-41,42,	71	1.8	18,366	3.36	618	3	65	+991	-.21	+5	+30
12-27-61 1305460 4375950 5-71				82,93	58		17,153	3.63	622						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1420020 GLENVUE TEMPEST.....*		49	4	10-13,21,	103	1.8	14,460	3.57	516	13	81	-553	-.07	-29	-38
12-11-61 010198998 010867749 5-71				23,35,93	25		15,273	3.66	559						
1420021 SUPREME REFLECTION.....*		12	8	6-13,14,	33	2.0	14,600	3.62	529	24	51	-692	-.04	-30	-43
01-13-62 010233528 5402581 5-71				16,21,52	29		16,174	3.70	598						
1420032 MACHOLO SEGIS SKYLINER.....*		1	30	1-21	30	1.7	11,727	3.53	414	0	26	-28	.00	-1	-2
01-27-62 1244845 4010692 5-71					31		11,608	3.55	412						
1420068 GRAY VIEW SKY LAD.....*		3	14	1-42	29	2.2	13,004	3.68	479	22	40	-413	-.02	-18	-26
03-04-62 1244845 4129366 5-71					16		14,045	3.77	529						
1420108 WES-ACRES SEQUOIA CHIEF IDEAL.		1	24	1-93	24	1.5	16,782	3.23	542	17	24	-318	+.01	-10	-17
01-04-62 1342066 4977334 5-71					44		18,574	3.20	595						
1420114 SPRINGWATER PRINCE COMET.....*		1	14	1-21	14	1.9	14,774	3.45	509	**	24	+34	-.02	-1	0
12-19-61 1252934 4042803 9-70					15		14,708	3.54	521						
1420138 WILLARDS ROYAL ELDON.....*		4	15	1-42	20	2.3	13,030	3.68	480	24	31	-117	+.01	-3	-6
01-04-62 1362609 4392354 5-71					10		13,358	3.69	493						
1420155 S P S M REGAL STAR.....*		3	45	1-34	49	2.1	14,146	3.50	495	19	30	+262	-.05	+3	+9
03-26-62 981361 4233893 5-71					75		13,185	3.65	481						
1420188 TWIN LAWN BILLVER LOUIE.....*		2	9	1-35	11	2.8	14,874	3.85	573	10	26	-336	+.06	-4	-12
12-25-61 1357797 4794178 5-71					16		16,424	3.67	603						
1420214 NITTANY-VIEW RAMBLER TOM.....*		2	10	1-23	17	2.3	15,110	3.76	568	0	32	-268	+.06	-2	-9
11-16-61 975138 4757420 5-71					13		16,166	3.63	587						
1420225 KNOB LICK IVANHOE WAYNE.....*		4	6	3-61,63,	11	2.6	15,205	3.44	523	33	29	+14	-.02	-2	-1
09-13-61 1189870 4392833 5-71				72	37		15,294	3.52	538						
1420278 AJRF LADOIE WAYNE WILLIE.....*	31-02	3	20	2-84,93	25	2.1	15,404	3.77	581	17	30	-177	+.05	0	-5
12-11-61 1330936 3189129 5-71					163		16,219	3.64	590						
1420279 ALBECK PABST SIR MARION.....*		1	13	1-51	13	2.9	10,314	3.79	391	0	25	-360	+.03	-9	-17
10-10-61 1190151 4743023 5-71					19		11,492	3.66	421						
1420305 SKOKIE MAGIC ROBURKE.....	93-02	15	70	3-84,85,	118	1.1	14,618	3.66	535	**	35	-299	+.05	-4	-11
02-16-62 1352968 3970292 5-71				93	234		15,641	3.55	555						
1420311 CRISTOL ACRES ADMIRAL GINGER..		1	30	1-41	30	1.4	16,029	3.49	559	13	24	+143	-.06	-3	+1
02-26-61 1297178 4970052 5-71					7		15,603	3.74	584						
1420323 DELLINGER B C SUCCESSOR.....*		5	7	2-32,57	16	3.0	11,276	3.65	412	0	38	-917	+.04	-28	-47
05-12-60 1295041 3958737 5-71					27		13,692	3.57	489						
1420339 OAGES NC CREATOR CREATOR DON..*		2	53	1-31	55	2.0	15,068	3.28	494	6	29	+296	-.03	+7	+13
02-23-61 1135380 4486030 5-71					38		14,055	3.32	467						
1420347 LAUREL HILL EBONITE JOHN.....*		1	19	1-23	19	2.4	16,326	3.66	598	0	26	+562	-.06	+11	+24
11-20-60 1189870 4045677 5-71					12		14,162	3.98	563						
1420384 EASTHAVEN PRINCE SPARKER.....*		6	4	1-32	14	1.2	13,594	3.48	473	0	34	-19	-.01	-2	-2
12-07-61 1272896 3580149 5-71					22		13,621	3.53	481						
1420386 BEDNARSKIS OUNLOGGIN ADMIRAL..		1	12	1-23	12	1.9	14,015	3.60	504	22	22	-35	.00	-1	-2
01-25-62 1210078 3669446 5-71					12		14,205	3.60	512						
1420394 EARLEDALE ROYAL BOLD MASTER...*		3	6	1-91	12	1.8	19,024	3.51	668	0	29	+1,046	-.02	+34	+55
12-03-61 1305460 4291449 1-71					37		15,524	3.58	556						
1420402 RIVER INN WIS SUPREME.....		2	29	1-93	31	1.0	17,830	3.56	634	**	23	+82	.00	+3	+5
02-02-62 010266911 5118601 5-71					79		17,874	3.54	633						
1420413 RAG APPLE ROYAL MAPLE.....*	35-03	285	5	23-21,33,	831	2.2	14,202	3.66	520	13	97	-182	-.01	-8	-11
04-28-61 1305460 011085334 1-71				35,42,74	20		14,440	3.68	532						
1420414 GLENAFTON RAG APPLE VITALITY..*	35-03	255	8	22-14,34,	716	2.0	14,541	3.65	531	14	96	-146	-.02	-8	-10
05-31-61 1243697 011248434 5-71				35,63,85	23		14,778	3.69	545						
1420431 FINKE WINTERTHUR BURKE.....		3	35	1-32	39	1.9	13,919	3.46	481	29	28	+17	.00	0	0
10-18-61 1379883 5069814 5-71					7		13,850	3.49	484						
1420436 GRAYSLAKE MAJESTY ROCKET.....*		1	20	1-43	20	2.2	13,629	3.71	506	42	25	-226	+.04	-3	-8
09-08-61 1293580 4915401 5-71					22		14,598	3.59	524						
1420458 SILVER SHADE TOGUS ARISTOCRAT.*		8	5	2-11,12	18	2.6	16,067	3.66	588	17	43	+178	-.02	+4	+8
01-02-62 1124780 4942878 5-71					25		15,843	3.70	586						
1420475 PATAJA CAPTAIN PEIRE.....*		5	4	3-23,51,	12	1.9	13,972	3.86	540	0	35	-123	+.03	0	-3
10-28-61 1144239 4179338 5-71				55	26		14,373	3.78	543						
1420476 MASTER ECHO PRILLY ROMEO.....*		1	18	1-23	18	2.6	14,853	3.70	549	0	27	+113	-.01	+3	+5
02-12-62 1268689 4604404 5-71					11		14,481	3.74	541						
1420487 RUGUA IVANHOE FOBES.....*	33-03	13	10	3-16,21,	41	1.9	16,492	3.80	627	0	52	+189	+.06	+16	+18
11-20-61 1189870 4278288 5-71				82	33		16,372	3.71	607						
1420501 WOODSIDE FARM BURKGOV POSCH...*	21-10	42	1	2-13,21	44	2.6	15,015	3.47	521	15	75	+224	-.06	0	+6
12-07-61 1038509 4696423 5-71					19		14,803	3.55	525						
1420505 TURKEY RIDGE WOODBOURNE LARRY.*		2	8	2-22,23	10	1.8	14,398	3.69	531	10	22	+130	-.02	+2	+5
02-26-62 1344231 3842745 1-71					19		13,802	3.79	523						
1420518 ALDERHURST X X LUCIFER BEAU...*		2	40	2-32,34	42	2.3	12,057	3.79	457	16	29	-701	+.02	-22	-36
09-03-61 1372250 4594950 5-71					11		14,554	3.71	540						
1420522 ALDERHURST MASTER DUKE.....*		5	5	3-31,32,	13	2.0	14,912	3.63	542	9	34	+419	-.01	+14	+22
01-28-62 1337952 3658081 5-71				34	7		13,631	3.67	500						
1420543 EGGINK TRITOMIA WALTSONS A P..*		1	10	1-42	10	2.1	13,217	3.09	409	13	22	0	-.05	-7	-6
12-20-61 1340484 4508920 5-71					4		13,139	3.33	438						
1420553 HOOBIRK MAJESTY REX.....*		3	11	1-32	15	3.2	17,762	3.69	655	7	31	+448	-.02	+13	+22
06-26-61 1384916 4094455 5-71					11		16,561	3.78	626						
1420559 QUIET MEADOWS JIM SEARS.....		1	11	1-21	11	3.2	14,000	3.51	492	18	24	+95	-.02	+1	+3
11-23-61 1085978 4756282 5-71					15		13,575	3.59	488						
1420564 PRAIRIE PUGE PRIDE.....*		1	20	1-35	20	3.2	14,403	3.44	495	0	28	+159	-.01	+4	+7
01-11-62 1214152 4259590 5-71					13		13,822	3.47	480						
1420582 LUND DALE PROGRESSOR MATADOR..	41-01	26	1	2-41,45	30	2.4	12,666	3.62	458	4	66	-953	+.05	-28	-48
11-23-61 1136905 4759403 5-71					21		14,125	3.55	501						
1420590 WINFIELD LOCHINVAR PRINCE.....		3	8	1-42	15	1.3	12,532	3.57	447	43	29	-44	-.02	-4	-4
02-25-62 1019538 4804887 5-71					15		12,545	3.65	458						
1420610 OUALSPRINGS OLIVER JOE.....		1	11	1-23	11	1.0	14,509	3.71	539	0	18	+119	.00	+4	+6
10-01-61 1102436 3380919 5-71					19		13,847	3.76	520						
1420625 SINGING BROOK MISTER PRESTO...*		6	7	2-23,54	19	2.2	15,894	3.51	558	11	39	+444	-.05	+9	+19
03-22-62 1324354 4299248 5-71					21		14,832	3.62	537						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1420657 BURKE 8 F TRIUNE IMPERIAL.....*		2	88	1-86	94	1.8	17,013	3.34	568	21	29	+222	-.04	+3	+8
10-17-61 1326679 3587878 5-71					125		16,508	3.42	564						
1420658 SKYWAY MAN-O-WAR 8 F LAD.....*		2	9	1-41	11	2.6	13,812	3.66	506	11	26	-149	+.01	-4	-7
10-11-61 1368263 4143912 5-71					12		14,436	3.66	529						
1420664 KEYSTONE BEN HUR.....	21-10	174	3	8-11,12,	278	2.1	14,880	3.56	530	11	94	+240	-.11	-7	0
04-05-62 I199324 2887329 1-71				13,14,16	20		14,699	3.69	542						
1420665 WESTVIEW SENSATION AUDACIOUS..*		1	14	1-21	14	3.7	13,799	3.62	500	0	27	+209	-.02	+5	+10
11-16-61 1237747 4410899 5-71					53		12,934	3.70	478						
1420674 SUNNY CRAFT DEAN CAPTAIN.....*		3	9	3-14,22,	12	2.3	14,740	3.55	523	0	28	-249	-.04	-14	-18
12-13-61 1144239 3020902 5-71				23	13		15,840	3.69	585						
1420676 WAUPUN WISTOO MASTER BURKE....*		5	6	2-35,72	19	2.1	14,872	3.64	541	0	41	+918	-.05	+25	+45
02-18-62 1353380 4499676 5-71					28		12,512	3.81	477						
1420736 JON-DE IVAN.....*		5	30	1-35	39	2.5	15,284	3.75	573	0	34	-129	-.01	-6	-8
08-26-61 1189870 4013709 5-71					19		15,865	3.81	604						
1420742 RAG APPLE PAUL MASTER.....*		6	3	1-42	11	2.2	15,882	3.68	585	0	36	+38	+.06	+10	+9
09-11-61 1322069 4235504 5-71					10		15,978	3.53	564						
1420756 PINEYHILL INGENUITY.....*		9	1	5-11,12,	10	1.5	14,898	3.58	533	20	36	+65	-.02	0	+2
04-19-61 010260315 4540932 5-71				13,23,93	31		14,801	3.61	535						
1420820 CLIFLOU BLENO CRITERION.....		1	10	1-31	10	2.1	13,581	3.55	482	0	22	-167	-.01	-7	-10
03-14-62 1244844 4985990 5-71					2		14,390	3.62	521						
1420825 HULONG MUTUAL CAPTAIN ROCKET..		4	12	1-34	20	1.5	14,762	3.49	515	25	31	-154	+.04	0	-4
01-02-62 1258981 4042385 5-71					2		15,414	3.37	520						
1420828 PACLAMAR SENATOR GREAT-TWIN...*		3	18	1-84	23	2.2	15,230	3.65	556	0	31	-55	-.01	-3	-4
04-07-62 1252985 4497714 5-71					12		15,576	3.71	578						
1420857 NACHES ROYAL DUKE.....*		5	32	1-87	43	1.9	14,158	3.52	498	22	32	-91	-.03	-7	-8
10-22-61 1359798 3559199 5-71					20		14,498	3.62	525						
1420906 DORRFARMS DUKE POLKADOT.....*		3	29	1-21	33	2.1	13,683	3.91	535	3	29	+189	+.06	+16	+18
03-23-62 1180488 3578028 5-71					31		12,936	3.70	479						
1420927 CIRCLE BAR LEADER REGAL.....*		2	8	1-35	10	2.0	12,901	3.50	451	40	23	-113	-.06	-12	-13
04-28-60 1249434 4353281 5-71					15		13,329	3.82	509						
1420954 TARA HILLS FONO MAGICIAN.....*		3	14	1-21	32	2.1	14,194	3.55	504	17	41	-273	+.02	-7	-13
01-11-62 1138451 5102623 5-71					36		14,962	3.52	526						
1420955 RU-PAL SKYLINER REX CHIEF.....		1	33	1-34	33	1.7	12,989	3.52	457	18	26	-82	.00	-3	-5
04-08-61 1244845 3990411 5-71					34		13,244	3.56	471						
1421015 IONIA TOBSBOY POSCH.....*		1	13	1-34	13	2.0	14,923	3.76	561	**	23	-3	+.02	+3	+2
12-02-61 1325240 3299988 5-71					17		15,050	3.69	555						
1421034 MOKAWANA IVANHOE DUKE.....	41-01	65	1	8-35,41,	76	1.6	13,758	3.81	524	9	81	-492	+.22	+12	-3
01-16-62 1189870 4043640 5-71				45,87,93	19		14,415	3.54	510						
1421049 MARESKI CHRIS LEADER.....		2	10	1-93	13	1.2	16,506	3.85	636	**	23	-132	+.08	+6	+2
03-11-62 1289588 3704218 5-71					82		17,433	3.57	622						
1421069 NOWISCO DYNAMO ROCKET.....*		2	31	1-35	35	2.3	13,783	3.77	520	21	30	-185	.00	-7	-11
10-16-61 1288310 3869144 5-71					9		14,459	3.80	550						
1421077 COLLEGE HEIGHTS WIS.....*		1	23	1-61	23	2.0	13,338	3.48	464	6	26	-38	-.02	-4	-4
09-08-61 1237270 4310046 5-71					27		13,438	3.57	480						
1421081 EJLANE CAPTAIN MUTUAL.....*		5	10	1-32	18	2.1	12,536	3.68	461	24	34	-503	+.02	-16	-26
07-11-61 1144239 4658268 5-71					50		14,052	3.66	514						
1421089 GREGORIE NECK MARK ORMSBY.....*		5	39	1-56	50	1.8	15,219	3.62	551	3	32	+161	-.01	+5	+8
02-06-62 1162188 4560017 5-71					45		14,796	3.65	540						
1421093 COOLIDGE IVANHOE BURKE G.....		3	16	1-86	30	2.3	14,479	3.17	459	7	38	+102	-.09	-9	-5
11-16-61 1189870 4109999 5-71					42		14,240	3.39	483						
1421094 BRILL ACE BENEFACTOR.....*		8	27	4-31,63,	41	2.3	15,191	3.46	526	8	37	+488	-.07	+8	+19
03-28-62 1199324 4283591 5-71				64,72	21		13,844	3.65	505						
1421095 ROSNI DAUNTLESS IVANHOE ORMSBY		1	15	1-52	15	2.3	12,506	3.49	437	8	25	-24	+.01	0	-1
11-16-61 1189870 3713628 5-71					25		12,458	3.47	432						
1421115 JEDA-KI GAY MAGIC.....*		3	9	1-56	13	2.5	12,269	3.59	440	0	29	-352	+.02	-10	-17
01-27-62 1138451 4955524 5-71					19		13,448	3.52	474						
1421122 TIMBERRIDGE SUPREME.....		2	7	1-52	13	1.9	11,443	3.58	410	0	30	-725	+.01	-25	-40
02-13-62 1353255 4602919 5-71					9		13,882	3.57	496						
1421127 MAN-O-WAR 8 F CRESCENT GOLD...*		2	12	2-32,35	14	2.4	13,938	3.40	474	29	26	-165	-.05	-13	-15
10-27-61 1188731 3753956 5-71					12		14,642	3.63	532						
1421128 MAN-O-WAR 8 F CRESCENT SKYWAY.*	61-02	89	3	3-32,33,	158	2.1	12,642	3.69	467	19	89	-1,288	+.07	-37	-64
11-11-61 1188731 4496001 5-71				42	17		14,112	3.61	510						
1421143 FINEVIEW BURCAR SAMSON.....*		1	12	1-21	12	2.5	14,052	3.66	514	0	24	-165	+.06	+2	-3
04-18-62 1140763 3604151 5-71					15		14,825	3.41	506						
1421151 RINCON ATHLONE FOBES.....*		2	11	1-93	13	2.6	18,424	3.57	658	0	27	+238	+.04	+14	+18
02-13-62 1210078 4045849 5-71					56		17,943	3.44	618						
1421165 ALBERTVILLE AARON MADCAP B....*		3	17	2-23,35	22	2.1	14,024	3.44	483	24	30	-119	-.02	-7	-9
11-12-61 1385929 4291533 5-71					12		14,472	3.52	510						
1421168 YARBA IVANHOE REGAL.....*		1	91	1-55	91	2.0	12,522	4.06	508	7	29	+30	+.04	+7	+7
02-11-62 1189870 4975464 5-71					41		12,250	3.93	482						
1421170 MARSHFIELD HAMTER HOVER.....*		3	6	1-52	14	1.6	14,320	3.62	518	10	32	-306	-.02	-14	-20
08-14-61 1350095 4049544 5-71					34		15,417	3.70	571						
1421175 MARSHFIELD SKYLINER LAD.....*		7	12	2-52,55	22	2.0	16,570	3.67	608	7	34	+192	.00	+7	+11
01-30-62 1244845 3854631 5-71					30		16,242	3.67	596						
1421192 HAMPSTEAD ECHO RA CHOICE.....*		4	10	1-52	15	2.4	15,030	3.63	545	17	31	+182	-.04	+1	+6
11-18-61 1314816 3912295 5-71					37		14,493	3.76	545						
1421217 AMSTERDAM SENSATION.....		1	17	1-81	17	2.9	15,981	3.54	565	6	26	+262	-.02	+7	+13
10-19-61 1396921 4714871 5-71					9		15,101	3.60	544						
1421231 SHLOTZSTEAD ORMSBY SKYLINER...*		1	10	1-21	10	2.9	14,130	3.51	496	0	24	+73	+.01	+4	+5
11-11-61 1244845 4116683 5-71					21		13,815	3.45	476						
1421257 THONYMA PROFESSOR.....	48-01	49	2	1-48	79	2.3	13,202	3.72	491	19	82	-800	+.10	-16	-34
10-26-61 1181068 3417595 5-71					24		14,210	3.61	513						
1421258 THONYMA SCHOOLMASTER.....		1	69	1-48	69	2.0	13,047	3.83	500	11	28	-17	+.06	+8	+6
10-28-61 1181068 4913632 5-71					68		13,018	3.60	468						

REGISTRATION NUMBER NAME DF 8 ULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES ND- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1421259 THONYMA PRINCIPAL.....		1	33	1-48	33	2.2	15,782	3.76	593	13	28	-27	+.04	+5	+3
12-05-61 1181D68 4951247 5-71					1D		16,098	3.62	582						
1421265 GILMANS MORRIS 8URKE.....		1	28	1-71	28	2.5	12,865	3.59	462	12	28	-193	+.D1	-6	-10
D2-19-62 1314386 4387691 5-71					12		13,528	3.6D	487						
1421274 SANDY MEADOWS TOP DUKE.....*		1	11	1-21	11	2.4	14,993	3.34	501	**	23	-4	-.D5	-7	-6
04-27-61 1222994 3628443 5-71					24		15,135	3.57	54D						
1421279 OOFF 8EAUTY LYONS INSIGNIA....		1	13	1-32	13	1.9	12,225	3.91	478	**	23	-88	+.D4	+2	-1
D3-20-62 1179372 3912590 5-71					11		12,458	3.74	466						
1421287 VENTURE FARM JOVE.....*		8	9	3-11,12,	29	1.9	13,861	3.66	5D8	4	46	-102	+.D3	+1	-2
05-13-61 1227212 2875511 1-71				13	22		14,1D3	3.58	505						
1421294 ZELDENRUST ROYAL FO8ES.....*	34-D1	25	2	2-32,34	30	2.1	13,748	3.68	506	4	64	-330	+.05	-5	-13
01-31-62 130546D 2931936 5-71					18		14,299	3.62	517						
1421319 SKOKIE PATTERN.....*		14	22	4-21,23,	66	1.7	13,352	3.54	472	11	49	-268	+.03	-5	-11
D1-07-62 128861D 3785611 5-71				35,52	35		13,895	3.48	483						
1421321 SKDKIE APOLLO DUKE.....*		5	6	1-41	14	2.5	18,283	3.56	651	10	35	+999	-.D7	+25	+47
03-24-62 128861D 4096D44 5-71					16		15,621	3.76	588						
1421329 ROTHER IVANHOE HARTOG.....*		8	11	2-33,61	26	1.9	15,469	3.78	584	17	40	+192	+.01	+8	+12
04-09-62 118987D 3421858 5-71					32		15,1D2	3.79	572						
1421349 CLOVERTOP SIR DELLA.....*	51-D2	118	3	7-21,23,	182	2.2	13,218	3.82	5D5	12	90	-805	+.11	-14	-33
02-18-62 1151349 4011323 5-71				51,52,54	22		14,129	3.71	524						
1421379 CHAM8RIC A 8 C MAGIC.....*		3	12	1-22	16	2.8	15,254	3.91	596	7	3D	-164	+.10	+8	+2
11-04-61 1261381 4361838 5-71					17		16,D12	3.6D	577						
1421391 HEERSCHE LEADER MERLE.....		2	1D	1-48	15	1.9	13,611	3.61	492	**	28	-268	+.D1	-8	-14
11-04-61 115047D 478404D 5-71					15		14,635	3.59	526						
1421406 HILLRUN CRESTVALE MAGICIAN....*		1	14	1-34	14	2.3	13,143	3.64	479	25	24	-288	+.05	-3	-1D
02-D3-61 1138451 3656913 5-71					21		14,398	3.45	497						
1421412 SHOWELL 8EN FACTDR.....*		2	9	1-21	11	2.2	19,645	3.5D	687	0	25	+643	-.01	+22	+35
D9-19-61 1199324 4408509 5-71					4D		17,376	3.51	610						
1421413 RAG APPLE SEGIS JO.....*		1	15	1-31	15	2.8	16,222	3.42	555	0	26	-78	-.D4	-8	-9
D9-09-61 1210286 4653279 5-71					5		16,812	3.55	597						
1421423 8DNNIE DE KDL STANOOUT JACKIE.*		2	26	2-35,74	28	3.1	16,174	3.73	603	11	3D	+8D	+.01	+4	+5
05-13-61 1118D38 3036966 5-71					28		16,127	3.73	6D1						
1421489 NAN-JAN STANDBY.....*		4	2D	1-34	26	2.6	14,553	3.55	517	**	32	+351	-.03	+8	+16
01-22-62 1400078 38D6D62 5-71					19		13,384	3.65	489						
1421505 FOXLEASE PONTIAC LEADER.....	61-02	230	4	5-21,52,	460	1.9	15,17D	3.51	532	7	96	+697	-.10	+1D	+26
03-04-62 91594D 3289194 5-71				55,57,63	26		14,495	3.62	524						
1421507 8RDDK LODGE SKYLINER PRINCE...*		4	9	3-51,52,	14	2.0	12,537	3.73	468	29	29	-522	+.04	-14	-25
01-2D-62 1244845 3880195 5-71				54	25		14,371	3.62	520						
1421538 MILU QUEEN IDEAL LEAOER.....*		4	6	1-23	11	1.9	13,872	3.24	450	**	28	-36	-.08	-13	-12
11-18-61 1150470 4460278 5-71					21		14,009	3.55	498						
1421599 DAIRYLOU 8ENEFACTOR.....		1	27	1-52	27	2.7	16,442	3.46	569	0	29	+449	-.08	+4	+15
01-09-62 1199324 3642220 5-71					21		14,975	3.74	560						
1421609 KIDD FARMS URBAN REGENT.....*		5	79	1-93	89	1.8	14,412	3.37	486	9	30	+4	-.02	-3	-2
08-20-61 1314526 3775617 5-71					58		14,449	3.46	500						
1421617 MENDOCINO 8ELLE BDY NEPTUNE...*		2	9	1-93	11	1.7	17,334	3.87	671	13	23	+138	+.06	+13	+14
02-11-62 1259069 4194444 5-71					66		17,042	3.67	626						
1421631 8OND HAVEN SIGNET CHAMP.....*		7	16	1-21	54	2.4	13,641	3.66	499	6	52	-175	+.01	-5	-9
07-21-61 010249530 011234597 5-71					11		13,982	3.66	512						
1421632 GLENAFTON RAG APPLE MARTEL....*		17	1	2-21,51	19	1.8	13,840	3.47	480	41	53	-476	-.06	-25	-33
10-13-61 1243697 011132001 5-71					18		14,839	3.59	532						
1421645 CARNATION PEACE-MAKER.....*	91-11	41	3	11-35,41,	69	1.9	15,556	3.52	548	11	76	+294	-.09	-2	+6
03-12-62 1175596 4954403 5-71				42,43,91	19		15,307	3.64	557						
1421646 CARNATION IOEAL GENIUS.....*		1	11	1-33	11	2.3	14,231	3.81	542	20	23	-83	+.02	0	-2
03-29-62 1175596 4954410 5-71					21		14,669	3.76	551						
1421669 DANN FARM SOVEREIGN HOMER.....*		2	8	1-21	12	2.3	14,729	3.65	538	**	29	-250	+.07	0	-6
08-08-61 1281699 3159458 5-71					19		15,776	3.45	545						
1421675 FAIRHOPE SKYLINER RDAMER.....*		1	11	1-43	11	1.7	13,499	3.41	460	**	22	-298	+.01	-9	-15
05-08-62 1244845 4624371 5-71					7		14,986	3.37	505						
1421695 SANOSDALE DRUMMER VAR.....*	35-21	9	21	5-35,41,	39	2.1	16,279	3.85	627	7	39	-93	+.14	+16	+11
12-12-61 1326835 44342D7 5-71				42,52,55	17		16,807	3.54	595						
1421703 8DDE-ACRES HI HOPE GLEN.....*		2	1D	1-48	19	2.6	14,882	3.45	514	6	36	+128	-.02	+2	+5
01-26-62 1250992 4452931 5-71					18		14,592	3.49	5D9						
1421713 KKK ROCK MAGICIAN.....*		3	37	1-43	43	1.8	15,685	3.38	530	15	29	+258	-.03	+5	+11
10-04-61 1138451 4498522 5-71					35		14,892	3.44	513						
1421714 MAN-O-WAR 8 F CRESCENT ESTEEM.*		4	26	3-34,35,	32	2.8	14,325	3.6D	515	0	32	-76	-.06	-11	-11
12-18-61 1188731 4921D57 5-71				52	19		14,633	3.81	558						
1421728 W A F UNA LARRY.....*		1	19	1-54	19	1.7	12,468	3.50	436	7	24	-291	+.D1	-9	-15
03-05-62 1330681 3491D79 5-71					13		13,657	3.49	476						
1421747 ELMER 8RODK ROYAL LUCIFER.....*		3	9	1-42	12	2.3	16,280	3.53	575	D	28	+136	.00	+5	+8
01-04-62 1349678 4315959 5-71					11		15,99D	3.53	564						
1421759 PEA8DDY ARISTOCRAT LUCKY.....*		3	8	1-12	11	2.2	13,331	3.49	465	11	27	-441	-.05	-22	-30
04-07-62 112478D 4222789 5-71					15		15,D68	3.69	556						
1421797 JAMES CANYON KIT PROGRESSDR...*		1	18	1-93	18	1.2	17,107	3.39	580	**	21	+227	-.D2	+5	+1D
02-12-62 1357308 3584053 5-71					34		16,277	3.47	565						
1421801 RO8THOM SOVEREIGN RUSTIC-TWIN.*		7	3	3-43,71,	15	2.5	14,605	3.49	510	0	46	+21	+.03	+5	+5
12-04-61 115831D 4259638 5-71				73	14		14,627	3.40	498						
14218D5 LANGVIEW INTENSIFIER.....*	35-75	9	13	2-91,92	37	2.2	17,484	3.44	601	7	46	+653	-.D5	+16	+30
03-18-61 010268740 011243863 5-71					17		16,297	3.52	573						
1421819 UTAG MONTVIC A8LEST COMMANDER.	87-D1	16	1	2-82,87	19	2.1	14,829	3.45	512	D	54	+272	-.03	+5	+11
08-3D-61 1230640 3844104 5-71					13		14,362	3.50	503						
1421826 HAZEL 8USH SEGIS SENATOR.....*		7	21	4-21,22,	44	2.1	12,773	3.75	479	0	41	-578	+.05	-14	-27
02-22-62 1258673 3523812 5-71				23,35	8		14,201	3.65	518						
1421845 RO8IN ROSIE JOE.....		2	6	1-35	11	2.0	13,557	3.87	525	33	29	+23	-.01	0	+1
02-22-62 1106334 4599825 5-71					8		13,425	3.96	531						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1421870 ROSEMERE TRIUNE SENATOR.....*	35-05	38	2	5-33,35,	59	2.4	14,861	3.59	533	15	77	+274	-.07	0	+7
11-23-61 1050848 3500390 5-71				41,42,56	19		14,566	3.69	538						
1421946 MUN-CRE IVANHOE TALLYHO.....*		3	9	1-23	17	2.6	15,769	3.89	614	13	36	+265	+.05	+17	+21
11-01-61 1189870 4868727 5-71					11		15,143	3.78	573						
1421961 FESSLER ADMIRAL VOYAGEUR CHAMP*		3	24	1-33	30	2.0	13,192	3.54	467	13	30	-170	-.02	-9	-12
07-16-61 1328911 3797023 5-71					19		13,751	3.63	499						
1421968 JERGENS TYCOON ORMSBY.....*		6	12	2-41,46	35	2.7	13,298	3.85	512	0	48	-317	+.09	+1	-7
02-05-62 1341564 4067637 5-71					7		13,957	3.65	510						
1421978 LITTLE RIVER GRACE ROBBY.....*		1	16	1-56	16	2.1	13,551	3.90	529	6	25	-132	+.01	-3	-6
08-30-61 1137503 4395856 5-71					45		14,110	3.89	549						
1421992 BROWNS IVANHOE MAC.....*		2	34	2-23,51	40	2.7	13,133	4.20	552	14	32	-330	+.10	+2	-7
11-23-61 1189870 4297468 5-71					18		14,212	3.88	552						
1422029 WAYNEDALE SIR IVANHOE BURKE...*		4	10	3-41,42,	15	2.4	13,496	3.43	463	7	30	+203	-.05	0	+5
11-24-61 1189870 4318944 5-71				45	17		12,704	3.63	461						
1422034 VIGO VITALITY SUPREME.....*	61-02	26	2	2-33,35	37	2.1	15,022	3.81	573	13	67	+455	+.06	+25	+33
01-17-62 1357215 3856722 5-71					23		14,391	3.75	539						
1422035 VIGO REFLECTION JUDGE.....*		10	2	1-47	17	1.7	12,952	3.57	463	8	46	-500	+.01	-17	-27
04-18-62 1383551 4104450 5-71					10		14,046	3.58	503						
1422040 CHRIS GRAY VIEW SYMBOL.....		3	5	1-42	12	2.1	13,469	3.47	467	13	34	-196	-.02	-10	-13
12-25-61 1244844 4156628 1-71					23		14,070	3.55	499						
1422043 GLADELL ROYAL ARCHIE.....*		1	11	1-23	11	2.0	13,077	3.83	501	9	22	-295	-.01	-12	-18
01-29-62 1352270 3866615 5-71					14		14,467	3.91	566						
1422087 TUM-A-LUM SKYMIST.....*		4	9	3-14,15,	14	2.4	16,183	3.53	572	0	30	-36	-.01	-3	-3
12-29-61 1244845 3999206 5-71				23	18		16,568	3.60	596						
1422090 WIS PIONEER SUPREME OON.....*		13	2	3-35,42,	19	2.4	15,066	3.32	500	6	52	+371	-.10	-1	+9
02-10-62 1292880 3373784 5-71				47	14		14,402	3.49	503						
1422091 WIS REGENT.....*		5	6	3-35,41,	12	2.1	13,432	3.53	474	25	32	-501	-.02	-21	-30
02-23-62 1292880 3711791 5-71				72	19		15,129	3.62	547						
1422095 WIS ROBURKE.....*	23-11	164	3	3-22,23,	267	2.3	13,527	3.80	514	11	93	-615	+.09	-10	-24
03-28-62 1292880 3111751 5-71				51	18		14,214	3.71	528						
1422096 WIS PIONEER JOE LAD.....*		2	8	1-34	10	1.6	13,805	3.80	525	10	22	+3	+.03	+4	+3
04-04-62 1292880 3373777 5-71					9		13,774	3.70	510						
1422099 WIS SILKY PAUL BOY.....*		1	12	1-41	12	2.2	13,351	3.75	501	17	23	-48	.00	-2	-3
03-05-62 1330357 4770072 5-71					7		13,523	3.80	514						
1422103 WIS IMPROVER BOY.....*		3	6	1-42	11	1.8	12,172	3.76	458	**	28	-523	+.03	-15	-26
04-16-62 1330357 4755132 5-71					14		14,084	3.66	516						
1422104 WIS RINGMASTER PIONEER.....*		1	35	1-35	35	1.4	9,970	3.79	378	**	25	-357	+.05	-6	-14
04-29-62 1385713 4755131 5-71					23		11,151	3.54	395						
1422134 JENNITON JESSRO MASTERPIECE...*		1	12	1-35	12	1.9	13,006	3.54	461	27	22	-389	.00	-14	-22
03-17-62 1374744 3845009 5-71					17		14,861	3.58	532						
1422139 BURKE RAG APPLE LAO.....		1	16	1-48	16	2.1	11,385	3.50	399	8	25	-248	+.01	-7	-12
11-07-61 1244845 4626224 5-71					4		12,232	3.47	425						
1422147 SEELCREST CAESAR KIM.....		1	15	1-21	15	2.4	14,793	3.56	526	25	24	-34	-.03	-5	-5
05-20-61 1233014 4123578 5-71					26		15,047	3.71	558						
1422159 FARMCREST COMBINE ROCKET.....*		1	13	1-88	13	2.2	14,176	3.20	454	9	24	-371	-.02	-16	-23
02-26-62 1373831 4344335 5-71					18		15,945	3.31	527						
1422164 OE KOL MATHIS FONO HOPE POSSIE*		2	12	2-32,57	14	2.2	14,169	3.20	454	23	26	-553	+.06	-12	-24
04-16-62 1403153 4046956 5-71					59		16,562	3.06	506						
1422177 BEAU ROBARON FORECAST.....*		9	4	2-41,42	15	2.6	13,734	3.66	502	**	43	-22	+.01	0	-1
08-13-61 1313355 3695572 5-71					18		13,770	3.67	505						
1422178 BEAU ROBARON FAME-TWIN.....*		6	3	2-35,41	14	2.2	14,179	3.48	493	40	42	+214	-.05	+1	+6
10-16-61 1313355 4613553 5-71					8		13,636	3.59	489						
1422182 BEAU SHAMROCK SCULPTOR.....	41-01	102	2	4-41,45,	131	2.0	14,294	3.53	505	11	88	-108	-.04	-10	-11
02-12-62 010260599 3851719 5-71				82,87	14		14,472	3.59	519						
1422183 BEAU SHAMROCK EMINENT.....	41-01	133	1	7-35,41,	158	1.8	14,353	3.48	499	13	90	+165	-.09	-7	-2
02-17-62 010260599 3493104 5-71				45,46,87	16		14,195	3.58	508						
1422185 MARIKENS BUTTERFIELD ENSIGN...		2	18	1-55	20	2.5	17,045	3.73	635	5	28	+295	-.03	+7	+13
02-16-62 1200082 4154248 5-71					22		16,229	3.84	623						
1422215 CASH-MAR MAX JAP-TWIN.....*		4	5	2-61,63	10	1.4	11,362	3.72	423	29	26	-625	+.01	-21	-34
02-02-62 1382768 4132891 1-71					32		13,761	3.68	507						
1422217 CASH-MAR MAX OVATION.....*		13	5	6-32,35,	36	1.6	14,150	3.38	478	26	57	-131	-.09	-17	-18
02-03-62 1382768 2701231 5-71				41,52,57	26		14,431	3.53	510						
1422251 HANK BURKE NARRATOR.....*		3	12	1-35	16	2.4	14,322	3.82	547	6	29	-29	+.04	+5	+3
12-08-61 1167511 4393005 1-71					14		14,477	3.67	532						
1422256 VALLA VISTA MILDRED SO.....		3	7	1-48	13	1.8	11,890	3.66	435	11	29	-250	.00	-9	-14
02-16-62 1254910 4509566 5-71					6		12,609	3.70	467						
1422257 VALLA VISTA LADY PETRUS.....		2	27	2-47,48	29	2.1	12,049	3.45	416	12	28	-283	-.01	-12	-17
02-13-62 1360617 4425753 5-71					3		12,975	3.55	460						
1422258 VALLA VISTA REMEMBER PETRUS...*	91-11	12	13	5-42,45,	61	2.1	15,000	3.88	582	9	59	+420	+.10	+30	+36
02-13-62 1360617 4911180 5-71				46,47,84	21		14,326	3.73	534						
1422259 VALLA VISTA POSCH ORMSBY ROCK.*		7	8	4-35,47,	25	2.2	15,198	3.55	540	9	44	+60	-.03	-2	0
03-05-62 1360617 3138737 5-71				48,55	15		15,185	3.64	552						
1422261 DOORCO ROAMER ROYAL.....		2	23	1-35	30	2.0	16,667	3.31	552	6	31	+434	-.12	-1	+10
10-20-61 1220707 4039332 5-71					5		15,387	3.66	563						
1422312 HAGER SAMASE FOBES VEEDICTION.*		6	10	1-43	28	2.0	12,299	3.33	409	5	43	-193	-.03	-11	-14
03-10-61 1210507 4090170 5-71					36		12,613	3.41	430						
1422323 JERGENS TYCOON HIGHCROFT.....*		2	12	1-41	14	1.0	11,373	3.61	410	**	21	+40	.00	+1	+2
01-25-62 1341564 5392124 5-71					18		10,877	3.65	397						
1422340 POLANO AMBASSADOR KEN.....*		1	15	1-52	15	2.1	11,044	3.95	436	**	24	-306	+.07	-1	-9
07-12-61 1082310 4502362 5-71					59		12,143	3.61	438						
1422352 USNAD DESIGN DELLA.....*		2	8	1-51	13	1.3	14,969	3.55	531	**	26	+419	-.04	+9	+18
03-04-62 1271970 4054579 5-71					67		13,265	3.72	494						
1422356 OIBBLE CRESCENT DIAMOND.....*		3	6	1-74	13	3.8	13,101	3.49	457	0	37	-165	+.02	-3	-7
11-02-60 1303076 3217286 5-71					32		13,510	3.43	463						

REGISTRATION NUMBER / NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1422363 BLACK CURTISS WALLIE QUEEN....*		5	4	1-61	10	1.9	14,134	3.47	491		25	30	+135	-.01	+3	+6
12-12-61 1190632 4492780 5-71					5		13,659	3.50	478							
1422368 MAYIOR SKYLINER BURKE JOCK....*		1	21	1-42	21	2.3	13,720	3.54	486		0	26	+129	-.01	+3	+6
08-28-61 1244845 4455599 5-71					17		13,154	3.60	473							
1422376 MACKENTHUN IDEAL BELL BOY.....		2	17	1-41	30	1.6	12,638	3.69	466		**	35	-398	+.05	-7	-16
10-02-61 1348835 3968258 5-71					5		13,768	3.54	487							
1422377 PRINCE GLEN.....	33-02	32	2	2-33,74	50	2.0	12,732	3.58	456		11	73	-778	-.03	-32	-47
02-04-62 1126982 4312250 5-71					26		13,776	3.64	501							
1422392 CLIFLOU DUNLOGGIN ROSAFE.....*		1	17	1-34	17	2.1	14,403	3.50	504		7	25	-184	-.02	-9	-12
04-01-62 1138451 4106080 5-71					12		15,279	3.60	550							
1422396 TI-CREEK SUCCESSOR KING.....*		2	12	1-21	22	2.6	12,918	3.68	476		5	37	-427	+.06	-7	-17
02-01-61 905683 3944562 5-71					16		14,079	3.52	496							
1422397 DUNCAN FARM MAGIC 808.....*		2	8	1-31	10	2.6	16,457	3.46	569		10	25	-50	+.01	0	-1
12-26-61 1138451 5068267 5-71					11		16,965	3.43	582							
1422408 LOMET LANCER SPAN.....	21-10	37	1	3-13,21,	42	2.6	13,909	3.68	512		22	73	-685	+.10	-12	-28
02-17-62 1239886 3807736 5-71				23	19		14,943	3.57	533							
1422423 WOLVERINE BARON MAPLE.....*		2	20	1-34	22	2.1	12,738	3.52	449		14	28	-374	-.01	-15	-22
02-25-62 1382176 5188055 5-71					20		14,108	3.59	507							
1422431 BACONFARM LEADER ROYAL.....		5	38	3-43,73,	75	2.1	15,335	3.61	554		15	42	+797	-.01	+27	+43
10-07-61 1305460 5027064 5-71				74	6		13,391	3.64	488							
1422451 SPRING COVE FUTURE BELLRINGER.*		5	4	2-35,41	13	1.7	14,621	3.67	536		8	36	+73	.00	+2	+4
03-27-62 1326862 3499965 5-71					21		14,472	3.69	534							
1422460 RAG APPLE COLANTHA BURKE.....*		1	18	1-45	18	2.5	13,169	3.84	506		**	26	-284	+.05	-4	-11
06-16-61 1372518 4944536 9-70					17		14,293	3.68	526							
1422464 MAN-O-WAR B F DIAMOND TEX.....*		1	40	1-86	40	2.3	15,373	3.45	531		13	28	-271	+.02	-7	-13
12-07-61 1278459 4182538 5-71					132		16,613	3.41	567							
1422506 LILRUE IVANHOE HAZELWOOD.....	41-01	172	2	7-41,45,	232	1.6	15,241	3.62	552		11	92	+811	+.03	+34	+49
02-17-62 1189870 4114301 5-71				46,82,87	17		14,409	3.59	517							
1422548 BLY FARM ZEUS ILEX.....*		3	11	1-21	15	2.9	14,509	3.55	515		7	29	-68	-.01	-4	-5
07-09-61 1213164 3490276 5-71					24		14,834	3.61	535							
1422552 M H C UNH SCHOOLMASTER P G L..*		1	14	1-51	14	1.8	15,330	3.74	574		14	22	+379	.00	+14	+21
11-27-61 1181068 4350661 5-71					24		13,598	3.76	511							
1422559 LEA INN BUTTER BOY LUCKY.....*		2	9	2-41,42	11	2.9	15,673	3.52	552		0	26	+227	-.04	+2	+8
01-15-62 1373030 4731218 5-71					10		14,910	3.68	548							
1422574 H K H SALLY ADMIRAL.....*		2	6	1-42	11	2.9	10,579	3.65	386		27	32	-501	+.02	-15	-25
04-14-61 1214152 4838167 5-71					5		11,975	3.60	431							
1422586 ST CROIXCO PRAIRIE DE LUXE....	41-25	102	2	7-35,41,	134	2.2	13,174	3.81	502		17	89	-892	+.12	-17	-37
11-10-61 1291499 4451201 5-71				42,43,47	18		14,206	3.70	525							
1422643 JEWELHOLM LEADER SUPREME.....*		9	11	3-14,16,	24	2.3	16,120	3.75	605		9	39	+56	+.06	+10	+10
02-08-62 1341149 4590926 5-71				43	14		16,204	3.63	589							
1422647 BUTTONDALE SENATOR SKYLINER...*		1	28	1-21	28	1.9	12,157	3.34	406		8	26	+80	-.01	+2	+4
05-11-62 1244845 4055329 5-71					15		11,616	3.31	385							
1422650 MAYNARD ROSEHAVEN WALKAWAY....	41-01	34	1	4-41,42,	38	2.3	14,437	3.66	529		10	71	+257	+.05	+16	+20
11-29-61 1272746 4215842 1-71				45,46	17		14,089	3.59	506							
1422655 EL-KATRINA IVANHOE MITA.....	91-13	4	19	2-91,93	45	1.7	16,198	3.64	590		8	42	+258	+.04	+15	+19
01-01-62 1189870 3560059 5-71					47		15,760	3.55	559							
1422665 CORNELL IVANMAN.....*		7	2	2-21,23	11	2.0	13,979	3.70	517		22	37	-452	+.04	-11	-21
12-22-61 1189870 4927641 5-71					23		15,351	3.61	554							
1422672 AYRMOR MISTER BEN.....*		3	15	1-51	20	2.8	17,110	3.90	667		11	32	+429	-.01	+14	+23
12-01-61 1199324 3835245 5-71					14		15,955	3.99	636							
1422697 FOUNTAIN FARM ROBIN HOE.....*		3	9	1-23	14	2.3	16,272	3.90	635		9	30	+394	+.03	+18	+25
01-22-62 1189870 4976346 5-71					19		15,075	3.87	584							
1422706 LEIFELOS OUKE LEADER COMET....		3	18	1-41	35	1.7	13,494	3.69	498		13	37	-105	+.02	-1	-4
08-09-61 1150470 4219453 5-71					7		13,761	3.66	503							
1422718 CLANYARD JENNIE OUSTY BOY.....*	61-02	46	2	7-31,33,	65	2.1	14,346	3.72	534		16	79	+109	+.04	+9	+10
01-05-62 1282185 2827868 5-71				58,61,84	23		14,237	3.69	525							
1422723 SHETLARS IDEAL BELLBOY.....*		5	4	5-48,65,	14	2.3	16,889	3.61	610		9	40	+627	+.01	+24	+36
05-01-62 1404814 2926044 5-71				73,74,85	25		15,474	3.58	554							
1422782 MAPLEWOOD LANE INKA JIM.....*		3	7	1-33	10	2.7	14,851	3.68	547		20	28	+9	.00	+1	+1
01-16-62 1298430 4353910 5-71					18		14,916	3.68	549							
1422788 SIR ROAMER LEADER.....*		2	24	2-35,48	26	2.4	12,027	3.40	409		8	28	-243	-.02	-11	-15
06-01-61 1349628 4141524 5-71					11		12,767	3.49	445							
1422814 DUKE PIOON CREATOR.....*		2	10	2-23,35	12	2.3	11,913	3.89	463		10	26	-342	+.04	-7	-15
03-16-62 1198696 4777334 5-71					11		13,183	3.75	495							
1422820 VERNWAY ROYAL SPECIAL.....*		6	7	3-81,91,	17	3.3	14,818	3.50	519		7	41	-198	-.01	-8	-12
07-16-61 1354288 4627231 5-71				92	39		15,456	3.53	545							
1422825 ROYAL LEADER EOGEMAR.....		2	47	1-93	49	1.7	17,712	3.37	597		18	27	+212	-.08	-4	+2
11-12-61 1375433 3958483 5-71					144		17,260	3.64	629							
1422826 EOGEMAR WALKER PABST THEO.....		1	13	1-93	13	3.0	16,591	3.45	573		11	25	-80	-.03	-7	-8
12-12-61 1190151 4418136 5-71					138		17,244	3.57	615							
1422827 EOGEMAR INVINCIBLE JOE.....		1	15	1-93	15	2.1	17,584	3.59	632		0	23	+152	-.01	+4	+7
12-08-61 1170910 4682976 5-71					155		17,269	3.62	626							
1422875 FOBES MONOGRAM KING.....	35-75	32	4	8-21,22,	53	2.4	15,151	3.50	530		15	71	+128	-.05	-3	+1
03-30-62 1077788 4423779 5-71				33,34,91	23		15,083	3.57	539							
1422890 LOGWOOD DELLA MATTHEW.....*		2	20	2-34,51	22	2.7	12,647	3.95	500		12	29	-368	+.05	-6	-15
03-30-61 1151349 3589995 5-71					65		13,932	3.77	525							
1422892 LOGWOOD BENEFACTOR BLANE.....*	33-03	14	4	5-23,33,	25	2.3	14,841	3.69	547		0	53	+407	+.02	+17	+25
10-11-61 1199324 4125865 5-71				41,51,52	21		14,093	3.67	517							
1422918 PINE ANGLE INTENSE MODEL.....*		3	19	2-35,42	23	2.8	14,642	3.63	532		9	30	-75	+.02	0	-2
09-08-61 1376934 3872576 5-71					14		15,000	3.60	540							
1422921 SOUTH BRANCH TOM.....*		2	12	1-41	17	2.3	13,953	3.71	518		0	30	-42	+.01	0	-1
01-14-62 1359770 4300381 5-71					10		14,111	3.71	523							
1422971 FREEBAER SIR ECHO.....*		2	17	1-23	19	2.7	14,175	3.85	546		5	28	-334	+.04	-6	-14
03-09-62 1333330 3167506 5-71					22		15,520	3.72	578							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% FAT	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	% FAT	FAT $$
1422980 BELLE VIEW STRATHMORE JESS....*		3	5	2-35,63	10	2.3	15,200	3.70	563	11	29	-31	+.02	+2 +1
01-03-62 1354098 4256582 5-71					13		15,463	3.63	561					
1423008 CLY-MAR DAVE.....*		1	25	1-23	25	2.8	11,900	3.66	435	0	28	-350	-.03	-17 -23
11-02-61 1313057 4906931 5-71					17		13,053	3.83	500					
1423057 ADDMORE GREEN NOTCH PRIDE.....		1	17	1-35	17	2.8	16,421	3.96	650	7	26	-7	+.05	+7 +6
06-02-61 1258673 4749642 5-71					18		16,732	3.80	636					
1423109 CAL-CLARK SALUTE REBEL.....		1	17	1-93	17	1.1	11,983	3.80	455	**	21	-116	+.03	0 -3
01-20-62 1310334 3441056 5-71					18		12,399	3.67	455					
1423117 EL PAJARO BENEFACTOR ROBURKE..*		14	5	1-93	43	1.7	16,884	3.57	603	14	62	+62	+.02	+5 +6
11-27-61 1199324 4440469 5-71					59		17,099	3.54	605					
1423128 GRAY VIEW SKY ESTIMATOR.....*		9	2	3-34,41,	11	1.9	13,924	3.48	484	13	39	+184	-.04	+1 +6
07-28-61 1244845 4407458 5-71				74	17		13,393	3.57	478					
1423138 LUND OALE JERRY SKYMASTER-TWIN	41-01	205	2	6-35,41,	268	1.4	14,184	3.67	520	14	93	-213	+.07	+2 -4
11-14-61 1261140 4576869 5-71				42,45,46	15		14,466	3.59	519					
1423178 NESHONOC REECHO.....*		4	19	2-35,61	25	1.7	15,533	3.27	508	29	29	+68	-.09	-10 -7
12-08-61 1368237 3854983 5-71					17		15,447	3.58	553					
1423213 SKOKIE CORONET REX.....	31-02	89	3	10-31,43,	155	1.6	13,512	3.49	471	15	87	-365	-.10	-27 -32
03-26-62 1297169 4291082 5-71				55,56,71	18		13,931	3.61	503					
1423217 FILCO BESS BURKE.....		2	8	1-41	14	1.2	14,185	3.54	502	0	27	+279	-.08	-1 +6
12-10-61 1223921 3803565 5-71					7		13,047	3.91	510					
1423262 LAVACRES DUSTY CORBY.....*		1	10	1-93	10	1.2	16,087	3.39	546	0	19	+1	-.04	-5 -4
02-08-62 1205185 3948865 5-71					41		16,320	3.61	589					
1423265 LAVACRES DUSTY MYSTERY.....*		3	57	1-41	61	1.9	15,816	3.55	561	36	29	-136	-.01	-6 -9
03-08-62 1205185 4381063 5-71					17		16,549	3.60	595					
1423266 LAVACRES SOVEREIGN MAJOR.....*		3	34	1-93	38	1.7	14,553	3.39	493	**	28	-184	-.06	-15 -17
01-26-62 1382958 5124309 5-71					105		15,345	3.62	555					
1423267 LAVACRES POLLY ARGON.....*		2	24	1-52	26	1.8	12,474	3.82	476	29	26	-426	+.06	-7 -17
02-12-62 1382958 4903879 5-71					27		14,106	3.59	507					
1423271 LAVACRES SOVEREIGN PEBBLE.....*		5	9	1-92	25	2.0	14,597	3.67	535	9	42	-156	+.04	0 -4
03-06-62 1382958 4186647 5-71					25		15,083	3.59	542					
1423320 ST CROIXCO IVANHOE.....*	91-11	15	22	4-41,42,	48	2.0	15,291	3.90	596	17	43	+288	+.09	+23 +27
02-09-62 1189870 4132764 5-71				47,93	10		14,692	3.72	546					
1423321 ST CROIXCO IVAN.....*		4	17	1-42	24	2.8	15,850	3.67	581	15	33	+31	+.09	+13 +12
02-19-62 1189870 3398156 5-71					10		15,960	3.43	548					
1423332 PIEPKOW CI MAX.....		2	37	1-34	39	1.7	12,669	3.95	500	47	27	-15	+.04	+5 +4
03-26-61 1312111 4369791 5-71					24		12,592	3.79	477					
1423340 WYLAMYNA AWOI GOLD LEADER.....		1	28	1-41	28	2.3	13,223	3.70	489	11	27	-159	.00	-6 -9
01-29-62 1290204 2933229 5-71					13		13,794	3.75	517					
1423366 CH-BEL-AIR REPRIDE SEARS.....*		2	17	1-21	19	2.1	14,601	3.68	537	19	26	+52	+.03	+6 +6
10-12-61 1085978 4642779 5-71					30		14,457	3.56	514					
1423371 BUDDALE AAGGIE OE KOL.....*		3	13	1-41	20	2.8	16,025	3.70	593	12	33	+381	-.07	+4 +13
10-26-61 1295707 3802351 5-71					13		14,988	3.94	590					
1423377 ARLINOA RAG APPLE.....*		1	25	1-86	25	1.7	13,593	2.98	405	5	25	-265	.00	-9 -14
02-13-62 1322069 4515305 5-71					34		14,738	2.97	437					
1423389 AL-BAR BENEFACTOR BEN-TWIN....*		2	12	1-73	14	1.8	12,112	3.60	436	8	24	-278	+.03	-6 -12
09-03-61 1199324 4777664 5-71					23		13,183	3.49	460					
1423393 ARLENDEL OE KOL PABST.....*		3	6	1-35	14	3.0	12,697	3.69	468	10	36	-214	+.01	-6 -11
01-04-62 1367111 5066529 5-71					16		13,230	3.68	487					
1423404 CARWYTHAM MASTER SKYLINER.....*		5	13	2-21,52	23	2.0	18,813	3.55	667	18	34	+455	+.01	+18 +27
02-16-62 1244845 4241769 5-71					71		17,886	3.50	626					
1423438 JAN-AR MAGICIAN CUPID.....*		3	19	1-31	23	2.0	12,964	3.56	461	23	28	-275	-.02	-12 -17
12-10-61 1138451 3203464 5-71					10		13,947	3.64	507					
1423444 BEETS MOSSMAN PABST.....*		9	7	2-42,47	27	1.9	12,633	3.73	471	28	47	-367	+.08	-3 -12
10-31-61 1215958 3818702 5-71					30		13,358	3.57	477					
1423468 CHEERYLANES ASTRONAUT.....		2	16	1-82	20	2.5	14,849	3.89	577	15	29	-44	+.02	+1 0
12-11-61 1315498 4206229 5-71					49		15,122	3.84	580					
1423483 LIME HOLLOW SENATOR REBURKE...	21-10	41	2	4-12,13,	51	2.5	14,622	3.67	536	14	75	-321	+.05	-5 -12
02-05-62 1085978 4735487 5-71				21,58	25		15,177	3.61	548					
1423524 WILLOWBROOK PONTIAC JOE.....*		3	14	3-31,65,	19	2.6	15,209	3.77	574	17	31	+4	+.03	+4 +3
12-17-61 1113350 3241864 5-71				72	23		15,335	3.70	567					
1423552 REX TRIUNE COMET.....*		12	5	2-35,42	25	1.7	15,226	3.70	564	5	50	+240	+.05	+16 +20
12-01-61 1297169 4345135 5-71					13		14,831	3.60	534					
1423563 COTTONWOOD VALE MASTER ROYAL..*		4	15	2-31,34	20	2.6	13,792	3.62	499	0	31	-247	-.01	-10 -15
11-18-61 1305460 4519511 5-71					10		14,654	3.66	537					
1423621 ORMSBY CARNATION REMER.....*		2	7	1-41	13	1.0	11,592	3.88	450	**	26	-597	+.03	-17 -30
12-13-61 1365544 3960186 5-71					19		13,898	3.76	523					
1423623 S R F REGAL CAPTAIN.....*		2	28	1-35	30	2.2	14,616	3.28	479	7	28	-215	-.07	-18 -21
04-04-62 1144239 4275116 5-71					8		15,545	3.54	551					
1423628 FLINT WOOD DELLA MODEL.....*		1	16	1-55	16	2.4	15,117	3.52	532	7	25	-151	+.01	-4 -7
01-24-62 1151349 3266475 5-71					16		15,920	3.50	557					
1423667 FARMGROVE KING TERI MIKE.....*		1	10	1-21	10	2.7	17,486	3.56	623	**	24	+202	-.01	+6 +10
06-17-61 1314825 3976625 5-71					25		16,931	3.60	610					
1423680 STUROY OAK ROYAL FOBES.....*	35-05	40	3	7-33,35,	68	2.2	14,387	3.48	500	18	77	+103	-.13	-14 -9
12-18-61 1305460 5081180 5-71				41,42,52	16		14,287	3.65	522					
1423696 B-J IRVINGTON ADMIRAL PRINCE..*		5	6	3-23,51,	14	2.0	13,384	3.65	489	36	33	-282	.00	-10 -16
03-01-62 1237057 4087876 5-71				61	65		14,281	3.68	525					
1423712 WOOD MILL BLACK BEN.....*		8	2	3-14,16,	12	2.3	12,154	3.73	453	0	42	-829	+.03	-26 -43
10-28-61 1199324 4799852 5-71				21	21		14,178	3.67	520					
1423715 ROUND OAK GAY CORONET.....*		2	10	1-52	12	2.0	15,076	3.87	583	20	25	-106	+.06	+4 +1
11-15-61 1294924 3757931 1-71					31		15,684	3.67	575					
1423717 ROUND OAK GAY CHIEFTAIN.....*		2	18	1-52	20	2.0	15,214	3.60	547	16	27	-62	+.02	0 -2
01-08-62 1294924 3608209 5-71					46		15,618	3.53	552					
1423733 WILLAROS ASTRONAUT.....	91-11	1	55	1-35	55	2.2	16,686	3.37	563	7	29	+166	-.04	+1 +5
01-01-62 1305460 3721405 5-71					9		16,356	3.45	565					

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1423748 MACS WIS BOY.....*		1	28	1-21	28	2.5	16,298	3.56	580		0	28	+113	-.03	0	+3
02-01-62 1179372 3681243 5-71					10		16,110	3.66	590							
1423750 CEDAROALE MADISON ORMSBY.....*		2	6	1-13	10	2.6	14,472	3.63	525	**	28		-239	.00	-8	-13
08-24-61 1290714 3817776 5-71					19		15,472	3.63	561							
1423766 FULTONWAY IVANHOE WYLWYN.....*	23-11	126	3	5-16,21,	204	2.3	14,543	3.84	558		7	92	+75	+.12	+20	+19
12-21-61 1189870 3290633 5-71				22,23,51	27		14,519	3.72	540							
1423862 DODO FARMS IVANHOE BEAU GESTE.*		1	54	1-23	54	2.5	17,618	3.30	581		2	30	+784	-.07	+18	+35
01-01-62 1189870 4555704 5-71					48		15,092	3.47	524							
1423866 BURKE GLENAFTON PABST.....*		1	20	1-35	20	2.4	12,943	3.86	500		11	26	-150	+.04	0	-4
12-18-61 1277493 4876073 5-71					15		13,476	3.73	502							
1423867 NUCKOOALE VICTOR KING.....		1	10	1-52	10	2.8	15,226	3.42	520		20	23	+157	-.03	+2	+6
04-16-62 1369029 5016940 5-71					15		14,616	3.49	510							
1423871 GWENDALE SKOKIE MASTER.....*		1	38	1-55	38	2.4	14,936	3.48	520		0	28	-15	-.02	-3	-3
07-25-61 1199324 3392469 5-71					37		15,108	3.55	536							
1423885 COCHRAN IVANHOE MARK.....*		5	12	1-21	19	1.8	10,691	3.57	382		20	30	-684	+.03	-21	-35
02-04-62 1189870 4936488 5-71					14		12,843	3.51	451							
1423921 NAPSTAHOS JON BARON ORMSBY....*		4	16	1-93	21	1.9	15,384	3.72	573		11	29	-347	+.04	-7	-15
02-18-62 1268107 4428463 5-71					83		16,861	3.62	610							
1423926 BUTZRIOGE IVANHOE OANDY.....*	31-02	7	16	3-31,48,	28	2.4	15,911	3.74	595		15	37	-136	+.04	0	-4
02-19-62 1189870 4175133 5-71				73	10		16,545	3.66	606							
1423993 QUINNLANO SKYLINER SIR PRILLY.*		3	7	1-43	12	1.4	12,737	3.50	446		50	26	-399	+.02	-12	-20
01-02-62 1244845 4353894 5-71					14		14,287	3.46	495							
1424022 PINEYHILL METEOR.....*		16	91	9-21,23,	129	1.8	13,885	3.72	517		10	35	-94	+.03	+1	-2
10-29-61 1295523 4507237 5-71				33,34,41	382		14,177	3.63	514							
1424023 PINEYHILL LOTHARIO.....*		1	14	1-51	14	2.4	15,120	3.92	593		17	25	-110	+.02	-1	-4
12-08-61 1295523 4087682 5-71					26		15,752	3.89	612							
1424030 GEORGE SENSATION TOGUS.....*		2	12	1-21	14	2.4	19,227	3.49	671		7	26	+499	-.03	+14	+25
02-22-62 1181029 4603852 5-71					29		17,708	3.56	630							
1424040 KENICH MALLORY MARTY.....*		1	12	1-35	12	1.8	15,105	3.71	561		17	22	-144	+.04	0	-4
02-15-62 1237747 5348187 1-71					12		15,968	3.54	565							
1424048 WALLIE CURTISS CANDY JACK.....*		1	14	1-34	14	2.9	15,906	3.70	589		23	25	+220	-.02	+5	+10
12-04-61 1190632 4060324 5-71					11		15,156	3.80	576							
1424056 COOPER HILL ELDORADO.....*		1	27	1-14	27	1.6	16,327	3.84	627		0	24	+174	.00	+6	+9
03-15-62 1244845 3844110 5-71					70		15,788	3.90	615							
1424072 FISHER DELL LIN O IVANHOE.....*		8	2	4-31,32,	10	2.7	12,823	3.77	484		0	39	-342	+.07	-3	-11
09-02-61 1189870 4058656 5-71				64,72	22		13,685	3.61	494							
1424073 FISHER DELL IVANHOE CORO CARL.*		4	5	3-32,33,	15	2.2	12,178	3.51	428		39		-471	-.02	-20	-29
03-20-62 1189870 3250153 5-71				64	27		13,320	3.60	479							
1424108 TOWNSHEND IVANHOE SILAS.....		1	15	1-14	15	1.9	10,497	3.87	406		11	24	-397	.00	-14	-22
03-17-62 1189870 3813639 5-71					8		11,963	3.89	465							
1424115 GREEN-EAST ARISTOCRAT IVAN....*		1	26	1-21	26	2.2	12,989	3.43	445		27	26	-202	-.03	-11	-14
03-12-62 1189870 4585043 5-71					16		13,742	3.57	491							
1424125 V B H KORNDYKE SOVEREIGN.....		1	14	1-52	14	1.4	13,335	3.61	482		0	21	-171	+.02	-4	-8
04-01-62 1263152 4716131 5-71					2		14,163	3.56	504							
1424134 DEW-MORE HAPPY LAURA.....*		1	18	1-14	18	2.6	18,497	3.52	652		0	27	+371	.00	+13	+20
01-01-62 1199324 3977207 5-71					24		17,454	3.51	613							
1424142 FRAY SKYLINER INARD.....		2	14	1-42	27	1.9	13,129	3.46	454		32	36	-206	-.01	-9	-13
03-15-62 1244845 4873974 5-71					5		13,675	3.50	478							
1424150 A F CRISSCROSS CRUSADER.....*		2	19	2-33,61	21	2.2	13,596	3.59	488		5	28	-97	-.01	-5	-7
01-12-62 1378594 3977105 5-71					24		13,950	3.65	509							
1424152 PINEHURST POSCH ARISTOCRAT....*		13	5	4-34,35,	22	2.4	14,739	3.51	517		22	48	-12	-.05	-8	-7
02-04-62 1286826 4486493 5-71				42,85	35		14,858	3.63	539							
1424203 EL-ORO GINGER SATIN STAR.....*		1	10	1-93	10	1.0	19,341	3.50	677		18		+54	.00	+2	+3
04-13-62 1258673 2862582 5-71					13		19,601	3.48	683							
1424208 OUR CROSS.....*		37	7	17-12,21,	76	1.9	13,948	3.97	554		10	72	-943	+.19	-9	-32
01-10-62 1378594 3866465 5-71				23,33,35	29		15,399	3.73	575							
1424211 EXRANCO IOEAL PEGASUS.....		1	18	1-93	18	1.6	18,066	3.58	646		23		+72	+.02	+5	+6
03-05-62 1098656 4647082 5-71					47		18,179	3.50	637							
1424227 WALKWAY HONEYMAN RAINBOW.....	61-02	76	2	4-33,35,	124	2.1	14,523	3.76	546		12	87	+294	+.11	+26	+29
10-16-61 1265694 3345727 5-71				42,61	18		14,212	3.64	517							
1424228 BUR-MAC ADDIE DELLA RHETT.....		2	9	1-51	11	1.1	9,572	3.67	351		9	21	-877	.00	-32	-49
07-25-61 1151349 4927067 9-70					3		13,843	3.70	512							
1424245 GORLIB IVANHOE MAJOR.....*	91-11	148	4	25-21,23,	257	1.5	14,700	3.44	506		16	91	+19	-.20	-27	-22
02-19-62 1189870 4771469 1-71				35,41,56	22		14,761	3.66	540							
1424266 PEBBLELANE REFLECTOR MISHAP...*		3	12	1-21	16	2.5	13,393	3.56	477		7	29	+158	+.02	+8	+11
04-23-61 1298430 2823259 5-71					48		12,726	3.50	445							
1424294 W A F DELLA FRANK.....*		12	9	3-54,55,	26	2.5	14,792	3.66	542		25	44	-70	+.06	+6	+3
01-05-62 1151349 4278294 5-71				63	16		15,066	3.52	531							
1424299 WESTMOUNT ROYAL MASTER LAD....*		2	37	2-11,12	41	1.8	15,870	3.67	583		3	28	+234	-.02	+6	+11
09-07-61 1305460 011093274 5-71					19		15,161	3.75	569							
1424330 M V B A IVANHOE POLLY BOB.....	41-01	326	2	7-35,41,	511	1.3	14,411	3.55	511		16	96	-166	-.04	-11	-13
01-15-62 1189870 3988198 5-71				42,45,46	15		14,657	3.59	526							
1424331 DE WITT REFLECTION INKA JOE...*		6	13	3-43,48,	22	2.0	11,388	3.35	382		33		-437	.00	-16	-25
09-04-61 1242259 4293789 5-71				73	11		12,576	3.39	426							
1424342 PRAIRIE GROVE JAMES BUTTER BOY*		5	14	1-35	21	1.6	13,840	3.71	513		16	30	-293	+.04	-5	-12
05-23-62 1353135 4207417 5-71					17		14,915	3.59	536							
1424351 STILES FARM BENEFACTOR MONITOR*		2	10	1-12	13	2.5	14,499	3.55	515		15	28	+194	-.05	0	+5
05-28-62 1199324 4408562 5-71					25		13,802	3.75	518							
1424360 GER8EN IVANHOE OON.....*		1	10	1-22	10	3.3	14,146	3.64	515		10	24	-148	.00	-6	-9
01-31-62 1189870 3935755 5-71					29		14,845	3.70	550							
1424367 HACK ROSAFE MAC.....*		9	7	3-43,72,	34	2.1	12,090	3.51	424		0	53	-376	.00	-13	-21
04-24-61 1138451 3708658 1-71				73	24		12,679	3.51	445							
1424400 MOYERVIEW BLACK GOLD.....*		3	14	2-32,35	19	1.5	14,234	3.51	499		7	28	-207	+.04	-2	-7
01-10-62 1326796 4470266 5-71					12		15,105	3.37	509							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK MILK	% %	FAT FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1424414 SAVAGE-LEIGH FOBES HIGH AWARD.*		4	5	1-51	12	1.6	11,555	3.73	431	**	31	-432	-.03	-19	-27
01-16-62 1336435 3903427 5-71					27		12,843	3.86	496						
1424437 HIDDEN GOLD EDEN MAX.....*		1	11	1-32	11	2.2	10,483	3.84	403	18	23	-439	+.03	-12	-21
08-21-61 1272037 4234345 5-71					7		12,261	3.72	456						
1424464 FERNHAME OSBORNDALE BURKE-TWIN*		5	3	3-11,12,	12	1.8	12,671	3.95	500	18	36	-472	+.10	-3	-15
04-12-62 1189870 4251523 5-71				14	27		13,973	3.66	512						
1424478 WEARY RIVER PAUL STAR.....		1	11	1-93	11	1.0	17,785	3.65	649	**	18	-87	+.06	+5	+2
03-01-62 1136564 4227701 5-71					139		18,751	3.39	636						
1424490 HOWACRES IVANHOE.....*	72-01	42	5	7-13,34,	114	1.6	13,634	3.70	505	17	80	-266	+.08	+2	-5
02-12-62 1189870 3277789 5-71				51,71,72	21		13,969	3.60	503						
1424536 JANLEE MAIA PILOT.....*		4	12	1-74	22	2.6	14,597	3.40	496	9	36	-177	-.02	-9	-12
12-08-61 1094305 3274502 5-71					31		15,218	3.46	527						
1424613 SUPREME X BENEFACTOR.....*		2	9	2-34,48	11	2.0	13,117	3.50	459	27	24	-75	-.01	-4	-5
03-13-62 1199324 4757496 5-71					17		13,374	3.58	479						
1424616 OUN-TURKIN RAG APPLE ORUBAR...*		2	11	1-42	13	2.3	11,703	3.85	451	17	26	-316	+.02	-8	-15
09-07-61 1365655 4408058 5-71					3		12,823	3.76	482						
1424644 STOOKEYHOLM MONITOR WALLY.....*		4	16	1-32	21	2.2	15,158	3.81	577	21	30	+167	+.04	+11	+13
11-10-61 1322069 4656208 5-71					11		14,669	3.72	545						
1424649 FREE ART ALTHAVEN MELLORY.....		2	8	1-43	11	1.6	12,573	3.72	468	**	25	-378	+.04	-8	-16
03-21-62 1237747 4302115 9-70					6		14,132	3.57	504						
1424660 RIDGECROFT KING SKYLINER.....*		1	13	1-21	13	2.9	17,079	3.46	591	18	25	+83	-.02	0	+2
08-30-61 1244845 3876721 5-71					15		17,059	3.54	604						
1424686 LILAC HILL CRITERION SUPREME..*		10	2	3-33,35,	15	2.3	15,734	3.79	597	0	45	+332	+.01	+14	+20
12-18-61 1244844 5029615 5-71				63	16		15,111	3.79	573						
1424687 LILAC HILL CRITERION PRINCE...*		3	24	1-33	39	1.7	12,447	3.81	474	17	35	-158	+.03	-2	-6
12-20-61 1244844 5029614 5-71					49		12,790	3.76	481						
1424703 SPRUCEGATE IDEAL MAJOR.....*		2	13	1-21	16	2.7	13,623	3.49	475	8	29	-205	-.01	-9	-13
09-20-61 1303179 3091449 5-71					9		14,377	3.55	511						
1424716 RWJS OU VAR GENERAL.....	93-16	7	13	1-93	44	1.6	18,820	3.34	629	8	47	+561	-.11	+5	+19
04-05-62 1205185 3855981 5-71					74		18,043	3.50	632						
1424720 ELMOKA HOMESTEAD JUDD.....		2	26	1-35	31	2.0	13,343	3.63	485	14	30	-89	-.04	-9	-10
05-19-62 1262987 4870889 5-71					40		13,611	3.84	522						
1424725 PECORADALE MISTER MONARCH.....*		3	10	1-29	14	1.8	20,360	3.64	741	7	26	+628	-.01	+21	+34
04-14-62 1286222 5035466 5-71					30		18,378	3.68	677						
1424740 LOCKWAY TEXAL IVANHOE.....*	35-21	222	3	15-23,34,	364	1.4	13,808	3.78	522	14	94	-716	+.11	-11	-28
01-05-62 1189870 4044220 1-71				35,51,73	22		14,638	3.68	538						
1424751 HY-SEEN BURKE LAD.....		3	11	1-42	15	1.7	14,173	3.46	490	38	26	-51	-.07	-11	-10
01-28-61 1191185 3511395 5-71					28		14,423	3.73	538						
1424773 SHAWS DAUNTLESS PILOT LESEYLA.	52-01	80	2	3-51,52,	117	2.2	14,848	3.62	537	9	87	+334	+.05	+19	+24
06-01-62 1287412 3969749 5-71				55	29		14,522	3.56	517						
1424783 CRESTON VAGABOND.....*		2	13	1-32	15	2.3	12,811	3.49	447	15	27	-215	-.04	-13	-16
02-03-62 1125174 3355383 5-71					11		13,579	3.66	497						
1424839 MILLBROOK, POLKADOT SAM.....*		2	15	1-12	17	2.2	12,558	3.56	447	27	26	-320	-.03	-16	-22
09-29-61 1305254 3395734 5-71					18		13,770	3.72	512						
1424847 NO-NA-ME MARSHALL ROCKET.....		2	13	1-48	18	2.0	13,085	3.58	468	24	29	-318	-.01	-13	-19
04-15-62 1321750 4584104 5-71					13		14,205	3.65	519						
1424849 KRULL IVANHOE MAJESTIC.....*		3	12	1-35	16	2.7	16,225	3.82	619	0	30	+456	-.01	+15	+24
11-28-61 1189870 3617954 5-71					16		14,777	3.89	575						
1424867 HASSELKUS TRANSMITTER SKYLINER	35-75	28	1	5-31,35,	33	2.1	14,990	3.62	542	11	67	-237	+.01	-7	-12
06-26-62 1244845 4010051 5-71				55,91,93	48		15,498	3.61	559						
1424874 EILLOC GREYROCK REFLECTION....		3	18	2-21,86	22	2.1	15,605	3.36	525	0	29	+68	.00	+2	+3
06-19-61 1368738 4691315 5-71					126		15,525	3.34	518						
1424887 COLLINS-CREST NORTH STAR.....*		4	7	1-21	12	2.8	17,210	3.53	607	22	31	+185	.00	+6	+10
08-07-61 1189870 4134348 5-71					13		16,909	3.53	597						
1424894 WESHOLME RAG APPLE MONITOR....*		15	4	4-16,21,	40	1.7	12,748	3.91	498	26	61	-1,218	+.14	-26	-53
02-18-62 010264804 4418094 5-71				23,34	35		14,824	3.68	546						
1424901 CITATION STRATHAVEN COUNT.....*		3	8	2-82,87	14	2.4	17,330	3.50	606	9	32	+542	.00	+19	+30
11-25-61 1492073 011352264 5-71					8		15,799	3.49	552						
1424992 MISS K IVANHOE DEAN.....*		3	7	1-21	17	2.5	14,459	3.75	542	0	38	-396	+.06	-6	-15
08-24-61 1189870 3580314 5-71					23		15,678	3.62	568						
1425054 FRANKIE PRIDE PILOT.....*		2	30	1-72	32	1.2	9,847	3.60	354	**	24	-30	.00	-1	-2
09-15-60 1094305 3810686 5-71					33		9,534	3.63	346						
1425057 NI-CRETE ROYAL MASTER SHIRLEY.*		4	8	2-21,23	13	2.9	14,452	3.63	525	0	32	+38	.00	+2	+3
02-06-62 1305460 4442901 5-71					45		14,377	3.61	519						
1425076 EDNACHESTER DELL ROSAFE.....*		4	15	1-21	20	2.1	13,752	3.41	469	8	30	-229	-.01	-9	-13
01-01-62 1379479 4772723 5-71					14		14,571	3.45	503						
1425082 ILLIANNA ROBURKE CORONET.....		1	10	1-42	10	2.2	10,608	4.12	437	0	22	-291	+.08	0	-8
01-12-62 1369642 4798265 1-71					19		11,701	3.71	434						
1425105 CHEERYLANES FAVOR.....	35-75	18	2	7-21,35,	25	2.4	15,055	3.61	543	17	61	+504	-.04	+12	+23
01-28-62 1315498 4305751 5-71				55,73,82	21		14,254	3.68	525						
1425137 CITATION CHAMBRIC MARSHALL....*	33-03	1,207	3	45-13,21,	2,097	1.4	14,871	3.59	534	12	99	+175	-.04	0	+5
01-04-61 1492073 5458807 1-71				23,31,41	26		14,778	3.63	537						
1425146 NABERTA FARM M LEADER.....	35-75	24	2	9-16,55,	34	2.3	15,554	3.61	562	10	67	+93	-.02	+1	+3
01-25-62 1211384 4343024 5-71				82,87,93	40		15,578	3.64	567						
1425159 PAGELS ORMSBY POSCH ORBIT.....		2	14	1-42	18	2.2	15,250	3.75	572	43	28	+50	+.07	+11	+10
06-18-62 1334898 4051906 5-71					29		15,196	3.53	536						
1425163 SPRING FARM GREAT MONTY.....*		10	3	5-35,42,	16	2.1	14,229	3.44	489	0	46	+24	-.05	-6	-4
07-22-61 010269025 010901378 5-71				61,64,74	20		14,202	3.56	505						
1425171 HARPSTER PONTIAC ATOM.....*		4	4	1-23	10	2.4	15,836	3.68	582	25	31	+439	.00	+16	+25
07-11-60 1152232 5228577 5-71					25		14,477	3.69	534						
1425180 RAHLLCREEK CRESTON MASTER.....*		4	18	2-23,51	23	1.6	13,175	3.75	494	0	28	+97	.00	+4	+6
04-07-62 1379208 4607170 1-71					16		12,708	3.76	478						
1425191 PRINCE PONTIAC INKA DELIGHT...		3	46	1-41	65	1.5	13,688	3.28	449	48	33	-346	-.07	-22	-27
04-23-62 1247007 3149963 5-71					3		14,833	3.51	521						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF OAU /HO	STATES NO- WITH MOST OAUS	... OAUGHTERS AND HEROMATES ... OAUS HM/OAU	REC/OAU HEROMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1425201 SELUHM IMPERIAL TRIUNE.....*		16	3	3-21,41,	29	1.5	13,877	3.53	490	26	56	-120	-.01	-6	-8
01-03-61 1258008 3749114 5-71				43	14		14,112	3.56	503						
1425237 PINEHURST AOMIRAL PRIOE.....		5	7	2-14,35	14	1.7	14,993	3.42	513	9	31	-111	-.04	-9	-10
05-27-62 1286826 4159085 5-71					25		15,516	3.54	550						
1425238 RO8INWAY OEAN.....*		5	11	1-35	24	2.5	14,782	3.63	537	5	40	+122	-.02	+2	+5
03-29-62 1381712 4154271 5-71					19		14,536	3.67	534						
1425272, MINERAL SPRING HI HOPE.....*		2	8	2-11,14	10	2.5	13,117	3.32	435	0	25	-135	-.04	-11	-13
03-18-62 1250992 3895700 5-71					14		13,634	3.53	481						
1425273 OSAGE FARMS 8URKE ROYAL.....*		8	15	4-33,35,	33	1.4	14,631	3.28	480	19	37	+281	-.08	-1	+6
06-25-62 1250350 4088214 5-71				64,74	11		13,873	3.47	482						
1425289 DELIA SUNNY EDEN.....*		5	11	3-35,57,	18	2.9	11,682	3.62	423	6	34	-434	-.03	-20	-28
01-09-61 1223921 3780235 5-71				65	33		12,874	3.77	485						
1425292 WILLARDS ROYAL R A RAVEN.....*		6	9	3-35,57,	21	3.0	14,559	3.41	496	6	41	-269	-.04	-15	-19
08-15-61 1362609 4608212 5-71				72	13		15,361	3.50	538						
1425297 WILLARDS ROYAL MARKSMAN.....		3	16	2-35,74	20	2.2	14,976	3.42	512	13	29	+108	-.01	+2	+4
10-26-61 1362609 3986062 5-71					24		14,673	3.43	504						
1425302 WILLAROS ROYAL SILVER.....		2	14	2-35,57	16	2.0	14,507	3.48	505	9	26	+134	-.03	0	+3
06-20-62 1362609 4593181 5-71					13		13,992	3.61	505						
1425306 WILLAROS REVELON.....*	91-11	15	10	7-23,33,	60	2.0	14,481	3.82	553	20	61	-262	+.15	+11	+2
02-05-62 1055021 4652663 5-71				35,52,74	50		15,018	3.58	538						
1425357 ROCK RIVER OESIGNATOR JOE.....		3	14	1-32	28	2.3	14,796	3.93	581	21	39	-206	+.09	+5	-1
06-11-62 1216567 3589949 5-71					22		15,478	3.72	576						
1425420 TEXANS R M MAGNIFICENT.....		4	9	1-74	19	2.1	12,200	3.46	422	11	37	-855	+.02	-28	-45
02-14-62 1305460 2684479 5-71					19		14,570	3.44	501						
1425439 SANCREST SKYLIGHTER PRINCESS..*		2	9	1-23	14	2.6	14,458	3.51	508	8	30	-247	-.04	-14	-18
10-05-61 1359770 4794905 5-71					14		15,432	3.65	563						
1425440 UMC REVELATION HARRIET HERO...*		4	26	2-41,45	42	2.0	14,211	3.53	502	32	36	+114	-.04	-1	+2
03-14-62 1331228 4651604 5-71					18		13,892	3.65	507						
1425454 HALO SCHOOLMASTER POSCH-TWIN..*		3	11	1-21	15	2.7	14,810	3.62	536	0	29	+435	+.02	+18	+26
11-26-60 1181068 4081940 5-71					15		13,263	3.56	472						
1425457 RANETT ROYAL STAR MASTER.....*		6	5	3-32,33,	14	3.1	15,761	3.87	610	0	39	+108	+.12	+21	+20
07-28-61 1305460 3135196 5-71				35	12		15,658	3.60	564						
1425470 L STA8LES DARK MASTER.....		1	15	1-35	15	2.5	15,239	3.78	576	14	25	+241	.00	+8	+13
07-06-62 1224496 4372255 5-71					9		14,293	3.82	546						
1425526 AUSTINCREST M ARGUS.....	21-10	34	1	2-13,21	36	2.4	15,083	3.44	519	14	70	+270	-.10	-5	+3
02-24-62 1124780 3811298 5-71					23		14,784	3.58	530						
1425554 AMES A LOYO.....*		2	12	1-42	14	2.1	15,811	3.50	553	43	25	-183	.00	-6	-10
10-09-61 1346652 4529007 5-71					26		16,835	3.50	590						
1425602 MAJI 8LACKY AUOACIOUS.....*		1	17	1-41	17	1.7	12,793	3.65	467	25	23	-15	+.01	+1	0
01-05-62 1237747 4348578 5-71					6		12,742	3.61	460						
1425626 CREEK CURVE OUNLOGGIN PIE8E...	35-75	17	1	6-32,34,	22	2.4	16,846	3.68	620	17	59	+433	+.07	+25	+32
05-05-62 1010936 3854394 5-71				55,91,93	50		16,347	3.58	585						
1425627 CHEAT-HAM CAPTAIN WALT.....*		3	12	1-57	16	2.5	14,236	3.29	468	23	29	-270	-.05	-16	-20
01-18-62 1144239 3891678 5-71					22		15,316	3.45	529						
1425628 8ENCVA OELLA ADA PRIOE.....		1	15	1-51	15	1.5	15,547	3.76	584	0	22	+33	.00	+1	+2
07-02-61 1151349 3555981 1-71					13		15,559	3.77	586						
1425634 GLENAFTON RAG APPLE PACEMAKER.*		12	2	5-35,43,	19	1.8	14,830	3.80	564	7	49	-12	+.13	+17	+14
07-29-61 1243697 011104330 5-71				71,73,74	10		14,957	3.56	532						
1425641 ORMS8Y IVANHOE LUCAS.....*		2	16	2-12,13	18	2.6	14,804	3.69	547	13	28	-75	.00	-3	-4
09-25-61 1189870 4525423 5-71					15		15,205	3.73	567						
1425647 WINOY NOTCH OTTO OESIGN.....*		1	18	1-16	18	3.1	14,323	3.83	548	6	28	-18	+.03	+3	+2
01-22-62 1298378 3959757 5-71					21		14,442	3.73	539						
1425695 VIJON HOMESTEAO FO8ES.....*		2	7	2-33,35	10	3.7	16,437	3.60	591	10	29	+420	-.02	+12	+21
01-31-62 1210078 2738368 5-71					21		15,116	3.66	554						
1425697 SHANGHIGH ROSA TOPPER.....		1	12	1-31	12	1.6	13,315	3.73	496	10	21	+262	+.01	+11	+16
10-21-61 1270830 3789085 5-71					18		11,870	3.70	439						
1425698 HI 8OY SPECKLEO SHANGHIGH.....*		8	6	1-33	30	2.5	14,085	3.76	530	21	55	-57	+.05	+5	+3
01-08-61 1292681 2989587 5-71					19		14,219	3.67	522						
1425708 RAFTER M PREDICTOR-TWIN.....		2	10	1-93	13	1.8	14,893	3.61	538	27	26	-276	+.04	-4	-10
07-29-60 1305540 3755386 5-71					25		16,202	3.49	565						
1425737 8ETHELOALE MAX RAG APPLE.....*		9	1	6-13,21,	11	1.3	13,229	3.56	471	25	36	-243	.00	-9	-14
08-28-61 1376696 4758140 5-71				22,35,41	20		13,896	3.58	498						
1425783 WAL-ART IMPERIAL MOOEL.....*		1	15	1-21	15	2.1	13,766	3.85	530	40	24	-132	+.03	0	-3
07-13-61 1085978 5091849 5-71					24		14,367	3.70	532						
1425797 COOMER MOOEST BURKE.....		2	10	1-34	13	1.2	13,646	3.54	483	62	23	-62	-.02	-5	-6
03-14-62 1301486 4850770 5-71					10		13,919	3.68	512						
1425850 SHIRLEY ACRES MONTVIC LEAOER..*		1	10	1-50	10	1.9	16,088	3.57	574	0	21	+285	.00	+10	+16
02-03-62 1378314 4326877 5-71					4		14,826	3.57	530						
1425867 MIOLANO MAGIC TRIGGER.....*	91-13	25	3	4-86,91,	44	1.3	14,935	3.62	541	34	65	-807	+.03	-25	-42
05-04-62 1138451 5078352 5-71				92,93	63		16,431	3.59	590						
1425870 NUTMEG ACRES 8ARON AMOS.....*		5	4	1-16	13	3.0	14,089	3.72	524	0	39	-275	+.04	-5	-11
05-28-61 1349030 3336863 5-71					43		14,897	3.65	544						
1425875 ACRELAWN IMPERIAL JEWEL MAX...*		5	3	1-34	10	1.8	13,510	3.83	517	**	32	-72	+.03	+2	0
04-28-62 1383468 4255639 9-70					12		13,714	3.73	512						
1425878 RUSTIC LEAOER MAHARAJA.....*		1	33	1-34	33	1.7	13,479	3.53	476	**	26	-98	.00	-3	-5
01-16-62 1366414 3129427 5-71					21		13,857	3.54	491						
1425908 FLYNN FIELO HMSTO ROYAL HOWOY.*		9	16	3-42,46,	30	2.5	14,081	3.76	529	7	38	-119	+.03	0	-3
07-25-61 1365058 4820609 5-71				47	38		14,446	3.68	532						
1425910 FOXLEASE PONTIAC MORITZ-TWIN..*		1	22	1-54	22	2.7	15,429	3.67	566	9	27	+286	-.03	+6	+12
06-24-62 1250992 4373389 5-71					34		14,432	3.81	550						
1425931 LOOKOUT FARMS IVANHOE 8EN.....*		4	23	1-11	29	2.5	15,487	3.69	572	7	32	+70	+.01	+4	+5
03-07-62 1189870 3661228 5-71					27		15,412	3.68	567						
1425932 SKAGVALE MAOCAP PERFECTION....*		1	10	1-91	10	2.2	16,649	3.48	579	17	22	+262	-.01	+8	+13
10-18-61 1277619 4597120 5-71					19		15,627	3.51	548						

REGISTRATION NUMBER NAME DF BULL	STUD CODE	NUMBER DF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	%	1ST INC	REPT	PREDICTED DIFFERENCES MILK	%	FAT	$$
1425955 COSH RIDGE INVINCI8LE TONI....*		4	7	2-21,74	17	3.4	14,940	4.18	625		7	39	-530	+.25	+15	-1
10-10-61 1342755 5168012 5-71					24		16,584	3.58	594							
1425959 INTERNATIDNAL REFLECTION SDV..*		11	4	4-41,43,	21	2.4	13,982	3.53	493		6	50	-241	-.05	-15	-19
01-01-62 010198998 011300785 5-71				47,48	10		14,526	3.63	528							
1425960 SUPREME HILTON RDELAND.....*		1	12	1-47	12	2.5	15,018	4.12	619		0	24	+31	+.11	+16	+14
03-09-62 010229512 011249144 5-71					19		14,996	3.72	558							
1425964 8IGELDW FARMS TDMMY.....*		4	7	3-13,14,	16	2.2	13,655	3.93	536		8	36	-22	+.03	+3	+2
01-14-62 1343798 4303813 5-71				21	23		13,694	3.87	530							
1426005 RDYAL DUNLDGGIN DUPLICATE.....*		3	6	1-42	14	1.6	13,990	3.52	492		15	32	+30	-.01	-1	0
06-11-62 1027887 3723699 5-71					27		13,892	3.59	499							
1426007 THDRNLEA TEXAL CDLANTHA.....*		3	16	1-51	20	2.3	12,306	3.97	488		15	29	-431	+.08	-5	-15
02-01-62 010264804 010910334 5-71					17		13,785	3.69	508							
1426015 PRANCER DUNLDGGIN HILL PRINCE.*		1	50	1-43	50	1.4	12,166	3.83	466		6	26	-413	+.07	-6	-16
03-01-61 1121706 4047893 5-71					19		13,774	3.59	494							
1426090 FRDGMORE PONTIAC 8RIGADIER....*		5	17	1-21	29	1.8	15,248	3.41	520		17	34	+198	-.06	-1	+4
03-17-62 010260599 3648975 5-71					27		14,755	3.59	529							
1426096 MILLERHURST DUNLDGGIN PRINCE..*		14	17	3-14,16,	46	1.7	13,916	3.71	516		51	45	-31	+.01	0	-1
10-01-61 1271595 3676235 5-71				21	32		13,992	3.71	519							
1426098 MILLERHURST DUNLDGGIN DANDY...*		2	8	1-21	12	2.5	15,749	3.85	606		17	30	-97	+.03	+1	-2
11-23-61 1271595 3701475 5-71					44		16,315	3.76	613							
1426099 MILLERHURST WDDDMASTER.....*		5	21	1-21	35	2.3	16,126	3.71	599		7	37	-488	+.05	-11	-22
12-31-61 1121323 3365015 5-71					37		17,846	3.61	645							
1426121 ROSE 8ROOK FDND HDPE.....*		8	7	1-34	23	2.0	14,990	3.62	543		20	44	-56	+.01	0	-1
10-31-61 1243697 4896866 5-71					16		15,252	3.60	549							
1426131 KYLAND CRESCENT COUNT.....*		3	9	1-74	14	1.7	14,411	3.19	460		14	28	-52	+.03	+2	0
03-21-62 1388256 5050826 5-71					14		14,671	3.05	447							
1426151 ARLENDEL FD8ES SKYLINER.....*		3	4	1-35	11	2.4	12,409	3.63	451		0	34	-209	-.02	-10	-14
05-07-62 1244845 3612457 1-71					17		12,925	3.71	480							
1426172 KANATA AUSTRO GLEN WDDDBINE...*		2	5	1-21	10	2.3	11,330	3.70	419		0	30	-505	+.01	-17	-27
02-20-62 1049402 4102890 5-71					11		12,928	3.68	476							
1426179 COCHRAN TERRITET RD8B.....*		4	8	1-21	21	2.2	15,506	4.02	623		16	40	+123	+.14	+24	+23
05-05-62 1382270 4495704 5-71					45		15,338	3.72	571							
1426180 CDCHRAN MASTER SETH.....*		3	9	1-21	12	1.3	14,121	3.62	511		**	24	-17	.00	0	0
03-12-62 1331781 4304447 5-71					15		14,226	3.63	517							
1426186 VALLEY-GDLD DELIGHTFUL.....		1	20	1-85	20	1.9	14,917	3.39	506		45	25	-19	.00	-1	-1
03-20-62 1365529 4928387 5-71					351		15,114	3.41	516							
1426208 FRAN-LOU CORONADO.....*	35-05	19	6	3-16,21,	42	1.9	16,372	3.68	603		17	60	+342	+.05	+20	+25
02-10-62 010257174 5411179 5-71				51	22		16,008	3.60	577							
1426237 VILCREST IVANHOE WDDDY.....		1	16	1-21	16	2.7	13,578	3.68	499		0	26	-295	+.04	-5	-12
08-27-61 1189870 5006170 5-71					16		14,791	3.56	526							
1426246 LONDON GETTIE KDRN DICTATOR...*		6	2	1-31	12	1.4	13,596	3.74	509		33	37	-628	+.08	-12	-26
04-19-62 1318452 4433415 5-71					36		15,436	3.56	549							
1426265 HEATHERDALE DYNAMO ROAMER.....		1	10	1-42	10	2.6	12,744	3.74	476		17	23	-46	+.02	+1	0
08-03-61 1341572 3804588 5-71					14		12,837	3.65	469							
1426312 CHAPEL BANK IMPALA.....*		1	21	1-21	21	2.4	15,440	3.70	572		18	26	+12	-.01	-1	-1
03-08-62 1189870 4510152 5-71					40		15,556	3.78	588							
1426314 KUR-AL DIXIE SNDWMAN.....		4	33	1-73	42	1.8	14,148	3.47	491		25	31	-1,015	.00	-36	-56
12-01-61 1259881 5070381 5-71					21		17,825	3.48	621							
1426322 IDA KING.....*		2	14	2-82,87	16	2.3	10,556	3.16	334		**	27	-420	-.02	-18	-26
08-05-61 1200082 3709925 5-71					11		11,912	3.32	395							
1426352 CAR-MAE ZIMGE PRESIDENT.....*		2	10	2-23,54	15	2.1	15,880	3.97	630		0	29	+420	+.01	+16	+24
05-12-61 1326342 3346692 5-71					29		14,498	4.01	582							
1426368 MAL-RU IDEAL 8LACK LEADER.....*		4	7	2-41,47	16	2.0	13,314	3.36	447		7	34	+231	-.06	0	+6
11-01-60 1150470 4181628 5-71					13		12,496	3.55	443							
1426379 HERMAN JERRY DE KDL.....*		1	15	1-31	15	3.7	13,488	3.57	481		8	27	-15	-.02	-4	-4
01-08-61 1138441 4102118 5-71					14		13,503	3.70	499							
1426384 FDHDN IDEAL MDDEL.....*	61-02	102	4	6-31,32,	207	2.4	14,038	3.48	489		6	91	+47	-.13	-16	-12
06-18-61 1150470 4419504 5-71				33,42,61	20		13,991	3.63	508							
1426394 PHILDRIE CDLONEL TDGUS.....*		1	11	1-48	11	2.4	12,965	3.75	486		20	23	-402	.00	-14	-22
05-25-62 1181029 4496557 5-71					23		14,822	3.77	559							
1426398 SERENE ACRES IVANHDE CAVALIER.*		2	15	1-13	28	2.4	13,124	3.81	500		13	39	-175	+.04	-1	-5
02-04-62 1189870 5033041 5-71					19		13,542	3.72	504							
1426403 RUNNINGWELL SIR MDDEL MIKE....*		1	12	1-34	12	2.3	13,730	3.47	476		25	24	-70	-.05	-9	-9
05-10-62 1333144 4054333 5-71					16		14,041	3.70	520							
1426411 ANDREAS DEFENDER CHIEFTAIN....*		4	14	2-31,63	21	2.1	14,383	3.55	510		14	31	+6	-.01	-1	-1
03-31-62 1363213 4091274 5-71					26		14,409	3.60	519							
1426427 DICTATOR JEWEL KING.....		1	14	1-35	14	1.5	16,616	3.74	621		**	21	+140	+.01	+7	+9
02-02-62 1367783 4839683 5-71					14		16,182	3.69	597							
1426428 ADDHR REX PRINCETDN.....	93-02	1	15	1-93	15	1.0	16,089	3.52	566		**	20	+220	-.02	+5	+10
02-26-62 1376502 3753569 5-71					310		15,086	3.61	544							
1426451 SKDKIE MILKYWAY.....	61-02	91	2	3-32,34,	116	1.9	14,748	3.46	510		15	86	+550	-.13	+1	+15
11-28-61 1282185 4646084 5-71				74	17		14,129	3.60	509							
1426453 SKDKIE RETURN 8DY.....*	61-02	37	2	4-31,32,	47	2.3	14,127	3.62	511		14	74	-85	+.01	-2	-4
01-18-62 1282185 4818208 5-71				33,61	20		14,276	3.62	517							
1426455 SKDKIE DUKE BDY.....*		7	6	3-32,57,	22	2.0	14,545	3.66	532		23	45	+40	.00	+2	+3
02-26-62 1282185 5024968 5-71				65	19		14,511	3.65	529							
1426459 ARJAY PRIDE.....		3	23	1-85	35	1.4	13,727	3.44	472		**	31	-1	.00	0	0
01-09-62 1336535 4194325 5-71					119		13,709	3.44	471							
1426490 SIBU RAG APPLE 8URKE.....*		4	20	1-21	33	2.8	13,577	3.52	478		3	39	-312	+.01	-10	-16
08-08-61 1298004 4567866 5-71					17		14,441	3.51	507							
1426524 YANKTDN IDEAL JUPITER.....*		1	16	1-42	16	1.8	14,848	3.41	506		36	23	+76	-.04	-3	-1
07-26-62 1302774 4595754 5-71					11		14,585	3.59	524							
1426533 DLSUMMIT RD8URKE IVANHDE RDY..*		3	6	2-21,55	14	2.8	15,706	3.39	533		9	37	+4	-.11	-15	-12
09-24-61 1189870 4535033 5-71					51		15,889	3.68	584							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF OAU /HO	STATES NO- WITH MOST OAUS	... OAUGHTERS AND HERDMATES ... HM/OAU	REC/OAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREOICTEO DIFFERENCES MILK	%	FAT	$$
1426563 NACHES MAOCAP FO8ES.....*	35-05	112	5	8-33,35,	191	1.6	13,357	3.77	504	18	88	-791	+.07	-19	-36
05-14-61 1277619 3557698 5-71				41,42,47	23		14,293	3.71	530						
1426566 WOODYLANE ATHLONE NO 1-TWIN...*		1	22	1-34	22	2.0	13,475	3.71	500	18	26	-107	+.01	-3	-5
01-07-62 1210078 3688722 5-71					14		13,893	3.71	516						
1426580 CRACKERLANO REMER ENSIGN.....*		1	16	1-57	16	1.8	15,759	3.69	581	6	23	-55	-.01	-4	-5
07-02-62 1200082 4472869 5-71					34		16,226	3.78	614						
1426584 KEN VER NEIL COUNT RONNIE.....		6	12	1-48	26	2.2	12,493	3.65	456	20	40	-609	+.04	-17	-30
09-26-61 1350414 4631449 5-71					9		14,039	3.56	500						
1426595 ELLENVALE GYPSIE LAD.....		1	12	1-41	12	1.9	12,069	3.59	433	17	22	-320	+.01	-10	-17
01-18-62 1277213 3358866 1-71					7		13,467	3.55	478						
1426597 GETTIE LANCER PIE8E.....	35-75	23	3	7-35,52,	32	2.3	17,286	3.60	622	4	64	+978	-.03	+31	+51
06-11-62 1C92490 4818223 5-71				55,91,93	61		15,952	3.64	581						
1426598 MONANFRAN SIR VALL 8URKE.....*		4	15	1-21	23	1.7	13,248	3.44	456	9	32	-53	-.02	-5	-6
06-05-62 1357780 3542706 5-71					32		13,356	3.52	470						
1426616 PACLAMAR CAPSULE.....*	91-11	17	15	6-22,31,	53	1.6	17,456	3.75	654	6	50	+1,268	+.04	+52	+76
05-05-62 1144239 4141507 5-71				32,34,84	49		15,039	3.69	555						
1426624 LAVACRES SOVEREIGN GARTH.....*		2	12	2-22,23	14	2.4	15,319	3.51	538	0	26	-184	-.02	-9	-12
05-09-62 1382958 3865583 5-71					18		16,255	3.61	586						
1426637 HOOSIER-OELL ORMS8Y MOOEL.....*		1	10	1-32	10	2.9	12,747	3.90	497	13	23	-318	+.06	-3	-11
01-02-62 1216668 4785666 5-71					16		14,134	3.65	516						
1426639 ILLOWA PAUL SEGIS.....		1	42	1-82	42	1.7	14,235	3.88	553	12	26	-18	+.05	+6	+5
04-10-62 1226459 4025811 5-71					5		14,347	3.71	532						
1426647 RUSTIC LEADER NO8LE.....*		6	13	2-31,32	26	2.3	13,998	3.65	511	8	38	-52	+.05	+5	+3
02-24-62 1366414 4082836 5-71					19		14,157	3.50	496						
1426654 USNAO GREENWOOD SKYLINER JIM..*		2	19	1-51	21	1.4	12,829	3.68	472	**	24	-79	.00	-3	-5
04-05-62 1244845 4193157 5-71					80		13,070	3.71	485						
1426665 DA-CO-TON MARATHON VIKING-TWIN*		1	13	1-46	13	2.2	12,424	3.61	449	17	23	-69	-.01	-4	-5
04-01-62 1259069 3472318 5-71					12		12,588	3.69	465						
1426666 OA-CO-TON MARATHON SENSATION..*		6	22	2-42,46	31	2.1	15,551	3.49	543	13	33	-169	-.01	-7	-10
01-27-62 1259069 3299986 5-71					12		16,296	3.52	573						
1426672 FAIR EOEN TREASURE CHIEF.....*		3	4	1-34	10	2.7	13,315	3.69	491	20	32	-11	.00	-1	-1
08-08-61 1125174 3929292 5-71					22		13,286	3.75	498						
1426673 VENIOA CAPTAIN SILVER.....		1	53	1-91	53	2.1	14,737	3.59	529	8	28	+40	-.01	0	+1
11-14-61 1144239 4083288 5-71					66		14,666	3.63	533						
1426680 ORMS8Y ROCKWOOO IDEAL 8URKE...		2	11	1-41	13	3.2	14,928	3.93	587	17	28	+53	+.03	+6	+6
07-03-62 1150469 4083688 5-71					5		14,825	3.85	571						
1426683 ST CROIXCO KING RU8E.....*		5	24	2-41,47	39	2.4	14,111	3.80	536	6	37	+80	+.02	+5	+6
11-23-61 1375651 4941765 5-71					15		13,891	3.77	524						
1426698 OLOFIELO TRIUNE PRIOE.....		1	16	1-42	16	1.8	12,130	3.58	434	11	23	+17	+.01	+2	+2
02-16-62 1150469 4216908 5-71					6		11,846	3.54	419						
1426725 OALCREST MASTER TEMPLATE.....*		3	12	1-74	16	1.8	13,557	3.28	445	57	27	-283	-.04	-16	-21
11-20-61 1138441 5091336 5-71					25		14,692	3.46	509						
1426737 PEARCEHOLM MOOEL OARKY.....*		1	16	1-21	16	2.6	17,034	3.40	579	0	26	+473	-.04	+11	+21
08-11-61 010257174 4635756 1-71					38		15,348	3.53	542						
1426746 WILLOW TERRACE ALERT CLEO-TWIN*		6	4	1-21	15	1.9	15,752	3.63	572	9	39	+4	-.02	-2	-2
03-24-62 1154946 4086078 5-71					38		15,942	3.68	587						
1426813 SPOTTSON KING 8UENA VISTA JOE.*		1	19	1-23	19	3.1	12,204	3.94	481	5	28	-314	+.04	-6	-13
03-26-62 1371873 4563014 5-71					10		13,283	3.80	505						
1426816 OAN-VER TIM.....		3	22	1-93	35	1.2	17,763	3.47	616	3	31	+335	-.02	+9	+16
09-29-61 1322863 4609134 5-71					11		16,997	3.50	595						
1426828 WOOOLEOGE PAUL OON.....*		3	7	1-52	12	2.8	17,445	3.62	632	11	31	+235	-.02	+6	+11
09-04-60 1330918 4385938 5-71					26		16,979	3.67	623						
1426838 PIEPKOW CI IOEAL.....*		1	15	1-34	15	1.9	12,270	3.69	453	13	24	-240	+.04	-3	-9
02-25-62 1312111 4369791 5-71					6		13,219	3.52	465						
1426848 OUTCH CORNER ARA8 8USTER.....*	21-10	45	1	2-13,21	48	2.4	14,737	3.43	506	19	76	-221	-.11	-23	-25
01-22-62 1C38509 2918369 5-71					28		15,150	3.57	541						
1426860 SENSATION WALCROFT.....*		1	32	1-31	32	2.6	11,240	3.59	403	25	28	-472	+.03	-13	-23
07-15-61 1492073 5611238 5-71					22		12,816	3.50	448						
1426882 KACREST NOEL INKA.....		1	33	1-41	33	2.2	15,317	3.32	508	31	27	+140	-.01	+3	+6
08-15-61 1315498 5039388 5-71					13		14,895	3.33	496						
1426898 ZIMMERMAN PILOT STAR ANOY.....*		1	96	1-21	96	2.0	13,027	3.68	480	9	29	-62	-.01	-3	-4
09-13-61 1261857 4698586 5-71					54		13,170	3.74	493						
1426912 CONNERHILL IVANHOE LEAOER.....*	33-03	5	8	1-21	24	1.7	17,176	3.94	676	26	41	+627	+.15	+45	+54
11-07-61 1189870 4722631 5-71					22		15,823	3.62	573						
1426934 NORTH STATE AME IOEAL MONTIE..*	55-01	6	5	1-55	22	2.0	16,553	3.79	627	24	46	-128	+.10	+9	+4
08-04-62 1137421 4144092 5-71					50		17,152	3.61	619						
1426940 8UTTERCUP LAKEFIELO REX.....		1	11	1-35	11	1.0	11,669	3.57	416	18	18	-430	-.03	-19	-27
05-02-62 1385959 4059730 1-71					2		14,050	3.77	529						
1426946 WOLVERINE 8ARON OICTATOR.....*		4	22	1-32	31	2.0	14,832	3.34	496	15	32	+71	-.06	-6	-3
07-31-62 1382176 4147176 5-71					13		14,685	3.54	520						
1426948 ROSNI OS8ORNOALE IVANHOE.....		4	11	1-55	26	1.9	12,109	3.68	446	17	39	-609	+.04	-16	-29
01-25-62 1189870 3632376 5-71					20		13,647	3.58	489						
1426949 ROSNI IVANHOE ELMASTER.....*		3	16	1-52	31	1.9	16,218	3.67	596	7	38	-247	+.05	-2	-8
04-05-62 1189870 3632389 5-71					26		17,194	3.58	616						
1426961 ROSE MARIE SKYLINER.....		2	39	1-48	41	2.3	14,144	3.51	497	15	29	+146	-.02	+3	+6
06-05-61 1244845 3827136 5-71					5		13,610	3.56	485						
1426964 AYRMOR ALVERE SOVEREIGN AIM...*		3	7	2-52,55	10	2.7	14,335	3.53	506	0	28	-77	+.02	0	-2
07-07-62 1217478 5048284 5-71					30		14,691	3.49	512						
1426989 IOEOGRAPH CYCLONE WHIRLWINO...*		2	6	1-92	11	1.6	16,447	3.35	551	50	27	+125	-.04	-1	+2
11-04-61 1215958 3301408 5-71					11		16,209	3.47	563						
1427010 ZELOENRUST MASTER PONTIAC.....*		41	1	14-21,23,	42	1.4	14,981	3.19	478	**	70	+339	-.30	-30	-16
02-12-62 1305460 2649438 5-71				31,32,34	49		14,558	3.60	524						
1427011 FORT MAOISON SEARS TREASURE...	35-21	23	3	3-41,42,	32	1.7	13,241	3.54	469	27	61	-119	-.06	-13	-14
06-02-62 1085978 4188859 5-71				47	29		13,383	3.67	491						

REGISTRATION NUMBER / NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT %	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1427034 FAIRHOPE SKYLINER IMPERIAL....*		1	15	1-43	15	2.5	9,194	3.97	365	8	25	-253	+.05	-2	-8
02-28-62 1244845 4533710 5-71					13		9,777	3.71	363						
1427052 MOOKOWN OPTIMIST.....*	23-09	235	3	4-21,23,	419	2.3	14,857	3.61	537	10	96	+644	-.11	+7	+23
12-28-61 1243697 4397687 5-71				50,52	18		14,209	3.75	533						
1427100 PAL-VER REPRIDE BURKE GYP.....		1	36	1-32	36	2.5	15,172	3.97	603	10	29	+253	+.01	+10	+15
01-23-62 984799 4616071 5-71					32		14,328	4.03	577						
1427112 KANAWAKA CAPTAIN.....*		3	6	2-43,48	11	2.2	19,553	3.34	654	9	29	+749	-.10	+13	+30
02-19-62 1144239 3770972 5-71					11		17,337	3.59	623						
1427123 LOUDEN HILL MAJESTY DUKE.....*		2	26	1-23	28	2.3	12,075	3.82	461	0	29	-281	+.06	-2	-9
07-01-62 1293580 5094844 5-71					136		12,966	3.61	468						
1427131 MR T T KAYTEE ORMSBY CAPTAIN..*		3	9	1-74	13	1.8	15,037	3.47	522	**	27	-204	-.03	-12	-15
10-21-61 1257239 4145194 5-71					10		16,018	3.61	578						
1427197 DIAMOND J DUSTY PARAGON.....*	23-09	17	44	4-35,41,	117	1.4	15,820	3.70	586	11	47	-103	+.08	+7	+3
04-28-62 1205185 3378917 5-71				91,93	158		16,273	3.56	579						
1427246 MACS HAPPY ACRES IVANHOE MIKE.*		6	3	3-12,13,	10	1.3	12,156	3.49	424	57	29	-197	-.04	-12	-15
03-22-62 1189870 3951257 1-71				15	43		12,705	3.67	466						
1427251 MAT EDGEWOOD ROBARON.....*		16	1	4-35,41,	17	2.5	15,269	3.44	525	7	54	+409	-.08	+3	+13
01-23-62 010263154 5342448 5-71				45,61	13		14,566	3.58	522						
1427293 BETJIM ROBURKE JESS.....*		2	11	1-31	16	2.4	10,732	3.40	365	8	30	-420	+.02	-13	-22
06-13-62 1401945 4763966 5-71					8		11,933	3.37	402						
1427323 ROD-ER-DIC MODEL JEWELL-TWIN..*		3	9	2-22,34	13	2.4	15,121	3.77	570	23	28	+183	+.01	+8	+11
04-02-62 1326796 4182674 5-71					31		14,524	3.76	546						
1427344 FRANLANE PILOT BLACKIE.....	93-16	8	27	2-87,93	53	1.6	17,496	3.54	619	18	39	+122	-.02	+2	+5
02-28-62 1214152 4174453 5-71					73		17,542	3.57	626						
1427351 ARLO PRIDE.....*		6	3	2-23,51	12	1.9	14,424	3.55	512	9	37	+127	-.05	-3	+1
05-07-62 1237057 3781955 5-71					26		14,095	3.73	526						
1427372 PATRJACK ARTISTIC DUKE.....*		4	12	4-33,35,	17	2.6	15,322	3.60	551	13	32	+242	-.02	+6	+11
04-29-62 1293580 4272974 5-71				73,87	15		14,621	3.66	535						
1427379 ARLINDA ADMIRAL.....*		1	11	1-93	11	1.2	16,720	3.56	596	0	19	+199	.00	+7	+11
05-01-62 1237057 3827015 5-71					124		15,869	3.55	563						
1427381 PAWNEE FARM ARLINDA CHIEF.....*	33-03	13	28	8-21,23,	57	1.8	21,183	3.66	776	15	41	+1,410	+.04	+57	+84
05-09-62 1383926 4546976 5-71				33,34,93	31		18,194	3.59	653						
1427398 WHITILL FOND HOPE.....*		2	5	1-33	10	1.7	13,081	3.62	474	10	28	-297	+.01	-10	-16
03-06-62 010212300 3866555 9-70					95		14,191	3.64	517						
1427490 YANKTON IDEAL HEILO-TWIN.....*		7	19	1-45	31	2.5	15,285	3.77	577	4	37	+313	-.02	+8	+15
08-01-62 1302774 4318036 5-71					18		14,497	3.87	561						
1427517 DALCREST ROSE KING.....*		5	4	1-74	11	2.0	15,117	3.48	526	13	33	+52	-.01	+1	+2
07-02-62 1334843 3439971 5-71					37		15,070	3.49	526						
1427535 IDA-ROYAL ADMIRAL FOBES.....*		6	14	4-82,87,	32	1.5	13,854	3.29	456	35	38	-58	-.04	-8	-8
11-01-61 1210078 4684289 5-71				88,93	20		14,014	3.40	477						
1427548 MACHOLD GRAY VIEW SEGIS.....*		3	6	2-21,55	12	2.8	15,697	3.59	564	17	33	+94	-.04	-2	+1
07-31-62 1244845 4567743 5-71					27		15,574	3.72	580						
1427589 RAY-LOU IVANHOE BELLBOY.....*		4	11	1-21	19	2.4	15,791	3.45	545	16	34	-85	-.05	-10	-11
01-23-62 1189870 4476388 5-71					32		16,275	3.59	584						
1427595 WINTERCREST DARK MAGIC.....*		7	12	1-21	33	1.9	12,654	3.42	433	12	45	-579	-.04	-26	-37
09-13-61 1138451 3983167 5-71					21		13,950	3.53	492						
1427598 FERTILE MEADOWS PRINCE PAY BOY		1	25	1-33	25	1.7	12,541	3.72	466	33	25	-383	+.02	-11	-19
06-24-62 1332101 4873705 5-71					14		14,091	3.64	513						
1427604 NAPSTAHOS PETER PRIDE ORMSBY..*		3	10	1-93	15	1.5	18,038	3.70	667	15	27	+331	+.02	+15	+21
05-01-62 1327043 4093373 5-71					87		17,122	3.63	622						
1427615 ROMANDALE DIVIDEND PERFORMER..*	23-09	323	3	9-21,23,	595	1.9	15,769	3.53	557	9	97	+1,281	-.18	+19	+49
08-05-61 010257174 010956217 5-71				50,51,54	16		14,497	3.73	541						
1427644 NESHONOC DEE ANN REWARD.....*		4	7	1-35	12	1.6	14,759	3.73	550	40	28	-115	+.05	+3	0
05-07-62 1386406 4129362 5-71					19		15,320	3.54	542						
1427651 EHR-DALE ILEX MAJESTY.....*		1	14	1-21	14	2.4	12,679	3.82	484	31	24	-199	+.03	-3	-8
01-21-62 1213164 4170880 5-71					31		13,469	3.72	501						
1427680 ADOHR VICTOR VELMAN.....*		6	10	2-86,93	22	1.3	15,597	3.69	576	**	34	-15	+.05	+7	+5
03-26-62 1274685 4140531 5-71					214		15,834	3.54	560						
1427708 EAGLE POINT DESIGNS BONUS-TWIN*	23-09	12	10	2-21,23	38	1.6	16,195	3.64	589	14	49	+483	-.02	+14	+24
09-01-62 1237057 4088417 5-71					27		15,347	3.69	567						
1427734 PEARCEHOLM DIVIDEND REFLECTION*		3	15	2-21,41	19	2.3	15,617	3.40	531	7	29	+100	-.04	-2	+1
08-13-61 010257174 5132536 5-71					33		15,417	3.54	545						
1427760 KNOLLSIDE CAPITAINE MAJOR-TWIN		1	16	1-41	16	2.4	12,105	3.53	427	8	25	-245	+.01	-8	-13
07-14-62 1395847 4438904 5-71					11		12,979	3.52	457						
1427764 KNOLLSIDE MAJORITY JERRY.....*		1	10	1-41	10	2.1	14,673	3.63	532	30	22	-47	+.01	0	-1
08-05-62 1383004 3780459 5-71					14		15,000	3.61	541						
1427784 SEQUOIA STAR KNOLLSIDE.....*		9	1	3-35,41,	10	2.2	13,756	3.61	496	22	38	-115	-.03	-8	-10
03-06-62 1274923 4243324 5-71				42	10		14,070	3.70	521						
1427808 BLANCO CAP TOPPER.....		2	31	1-93	33	1.8	18,207	3.51	639	15	27	-6	-.03	-4	-3
07-25-62 1144239 3613541 5-71					88		18,710	3.60	673						
1427847 ELM RIDGE MAPLE SUPREME.....*		3	13	1-35	27	2.0	15,567	3.51	546	30	38	+602	-.10	+7	+21
01-03-62 1386406 4978031 5-71					14		13,988	3.79	530						
1427848 ELM RIDGE MAPLE ROEBUCK REGENT*		2	15	1-35	17	2.6	14,729	4.13	609	6	28	+152	+.05	+13	+15
03-04-62 1386406 4117169 5-71					24		14,207	4.01	569						
1427872 WIS REVELATION.....*		3	10	1-41	16	2.4	16,355	3.30	540	0	33	+496	-.08	+6	+18
06-12-62 1292880 4250860 5-71					16		14,926	3.50	522						
1427920 NORWOOD PROFILE LOU.....		1	30	1-42	30	2.0	14,223	3.80	541	20	27	-530	+.12	-3	-16
05-23-62 1343586 5034528 5-71					4		16,479	3.41	562						
1427931 CRESTON TOMAHAWK.....*		1	20	1-34	20	2.0	13,844	4.00	554	26	25	-206	+.08	+3	-3
07-16-62 1125174 3996652 5-71					21		14,765	3.70	547						
1427972 ROCKCO LAD CONQUEROR.....*		2	7	1-12	12	2.8	16,134	3.71	599	17	31	+182	.00	+6	+10
01-13-62 1229162 4187014 5-71					38		15,731	3.74	588						
1427983 LITTLE RANCHE SKYLINER TED....		1	20	1-61	20	1.9	12,907	3.46	447	5	24	-213	-.08	-19	-21
08-14-62 1244845 4090150 5-71					23		13,765	3.87	533						

REGISTRATION NUMBER / NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HO	STATES NO- WITH MOST DAUS	...DAUGHTERS AND HEROMATES... DAUS HM/DAU	REC/DAU HEROMATE	MILK	% MILK	FAT	% FAT	1ST LACT INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1427990 CLEM-EL FARM REGAL BENEFACTOR.*		1	33	1-21	33	2.9	17,343	3.41	592	7	29	+455	-.04	+10	+20
04-25-61 1199324 4C49509 5-71					21		15,976	3.52	563							
1428029 SAM-DALE JAY MITTSIE RIPPER...*		2	8	1-35	10	2.5	15,421	3.72	574	0	25	-34	+.02	+1	0
12-11-61 1211183 3199459 5-71					21		15,740	3.67	578						
1428046 GOETZ POSCH FONO PRINCE.....		2	31	1-48	33	1.7	11,073	3.56	394	22	27	-423	+.01	-14	-23
06-17-62 1367055 4498812 5-71					21		12,513	3.56	445						
1428084 GLENCARNOCK MASTERMAN.....*		1	20	1-41	20	2.4	13,630	3.46	471	3D	26	-18	-.02	-4	-4
11-23-61 1451649 5554560 5-71					12		13,675	3.58	489						
1428104 SUNNYSIDE STANDOUT.....*	35-05	6D	3	6-33,35,	100	1.8	16,674	3.5D	583	3	83	+1,390	-.14	+28	+59
03-06-62 1038509 4103183 5-71				41,42,65	18		15,119	3.67	555						
1428111 BACONFARM SUPREME PETE.....		1	11	1-48	11	3.2	14,463	3.50	506	0	24	+122	-.01	+3	+6
09-20-60 1317831 3950734 5-71					3		13,961	3.52	492						
1428113 OAK ROAD PRINCE GIFTED.....*		1	20	1-74	20	2.3	14,317	3.32	475	5	26	-70	-.01	-4	-5
06-19-62 1321560 4157259 5-71					17		14,662	3.38	495						
1428134 SHELDON MEL SUNNYCREST.....*		1	12	1-16	12	2.3	13,879	3.72	516	0	24	+49	.0D	+2	+3
03-15-62 1197095 4311379 5-71					30		13,641	3.72	508						
1428136 SANGER LEA MISTYVALE ROMEO....*		3	10	1-23	14	2.4	13,333	3.74	498	8	28	+139	-.01	+4	+7
06-29-62 1316590 4334095 5-71					16		12,722	3.79	482						
1428145 OUR RAYMOND.....*	33-03	99	2	21-21,23,	138	1.2	16,023	3.51	562	11	86	+901	-.1D	+17	+37
06-21-62 1288610 5179452 5-71				41,52,93	27		15,090	3.62	546						
1428146 OUR CHOICE.....*		26	35	8-31,32,	79	1.6	16,022	3.52	564	25	44	+247	-.08	-3	+4
12-05-61 1291500 4323166 5-71				33,34,35	50		15,623	3.72	581						
1428165 STANEAN PABST ERIC.....	35-75	19	1	5-32,55,	21	2.2	15,916	3.63	577	12	58	+284	-.02	+8	+14
03-19-62 1070036 4639873 5-71				91,92,93	38		15,586	3.65	569						
1428176 KLUGDALE MAJESTY CAPITAINE....		1	14	1-35	14	1.7	15,357	3.01	463	0	23	+405	-.14	-5	+6
11-11-61 1394692 4990124 5-71					18		13,530	3.61	488						
1428184 OUTAGAMIE ROYAL MASTER LADDIE.*		3	11	2-35,74	15	2.5	13,274	3.55	471	15	29	-236	-.02	-11	-15
03-29-62 1305460 4651695 5-71					15		14,117	3.64	514						
1428234 IRVINGTON HI PRIDE.....*	33-03	18	6	11-16,22,	39	1.3	13,970	3.61	505	6	55	-143	+.01	-4	-7
02-27-62 1250992 4427319 5-71				23,41,51	35		14,262	3.62	516						
1428239 DIXIE-LEE CRESCENT FONO HOPE..*		8	3	3-48,73,	14	1.8	13,652	3.21	438	56	40	-289	-.03	-15	-20
08-26-62 1250992 4018416 5-71				74	10		14,426	3.29	475						
1428259 CHAPEL BANK SCOTSMAN.....*		5	25	2-14,21	32	1.9	12,877	3.87	498	14	31	-711	+.06	-18	-33
09-02-62 1395071 4041936 5-71					20		15,326	3.70	567						
1428302 FORESTBOLO TALLCORN LEADER....		1	10	1-35	10	2.6	12,716	3.80	483	0	23	-154	+.03	-1	-5
12-06-60 1298858 4806900 9-70					19		13,323	3.68	490						
1428311 RAY-ZEL TEX MILESTONE BURKDOV.	35-75	38	2	12-21,23,	5D	2.0	15,549	3.46	538	8	75	+55	-.06	-6	-4
03-23-62 1038509 4738210 5-71				32,91,93	38		15,646	3.53	553						
1428347 GREEN MEADOW APOLLO ROCKET....*	34-01	45	9	6-32,34,	82	1.9	13,356	3.78	505	19	70	-333	+.11	+3	-6
05-21-62 010245456 3806125 5-71				41,42,48	160		13,824	3.62	501						
1428348 SUNNYDECK HAPPY SKY OLYMPIAN..*		6	7	1-91	30	1.8	14,933	3.30	493	0	49	-136	-.06	-13	-14
04-11-62 1356794 4344911 5-71					31		15,351	3.41	524						
1428349 SUNNYDECK BARNEY DIVIDEND.....*		4	4	1-91	12	2.5	13,930	3.53	492	10	38	-492	+.05	-11	-22
01-07-62 1322764 3703700 5-71					30		15,382	3.42	526						
1428368 EMSON IVANHOE ENO-TWIN.....*		1	16	1-23	16	1.4	14,288	3.61	516	0	22	-90	-.01	-4	-6
03-22-62 1189870 4129084 5-71					14		14,784	3.67	543						
1428398 GLENAFTON RAG APPLE O GRADY...*		1	23	1-52	23	2.0	12,579	3.62	455	19	25	-76	+.02	0	-2
12-07-61 010273925 011179330 5-71					57		12,768	3.51	448						
1428410 ROAMER OLIVER LINDY.....*		2	8	1-23	10	2.0	13,366	3.79	506	0	24	-231	+.04	-3	-8
03-07-62 1102436 4573427 5-71					6		14,388	3.65	525						
1428435 REINHARTS ROSE SKYLINER ZORRO.*		3	28	2-23,35	32	1.8	12,934	3.68	476	10	28	+47	-.03	-3	-1
04-08-62 1244845 4297898 5-71					11		12,635	3.86	488						
1428445 OLSUMMIT MINNIE IVANHOE GLYNN.*		1	16	1-21	16	3.1	12,130	3.89	472	13	27	-286	+.06	-2	-9
12-21-61 1189870 3874498 5-71					53		13,129	3.66	481						
1428478 GLENAFTON MASTER REFLECTION...*		15	4	1-93	23	2.3	16,034	3.72	596	6	51	-156	+.06	+3	-2
10-19-61 010198998 011577197 5-71					51		16,6D9	3.61	599						
1428496 ANGLE LANE ROYAL LEADSMAN.....		2	10	1-35	15	1.6	14,795	3.55	525	0	27	+143	-.03	+1	+5
09-23-61 1290616 5028420 5-71					22		14,290	3.66	523						
1428519 CLYDE HILL KING SUE.....*		1	28	1-48	28	2.5	14,063	3.63	511	4	28	+162	-.02	+3	+7
04-03-62 1127694 4483413 5-71					45		13,440	3.73	501						
1428524 MOOSEHEART PEERLESS.....*	91-11	52	4	10-23,34,	86	1.7	14,200	3.63	515	10	78	-107	+.02	-1	-4
05-28-62 1309943 2811265 5-71				35,42,93	16		14,382	3.61	519						
1428531 ORCHARD MEADOWS PERFECT IVAN..*	21-10	95	3	7-11,12,	184	1.8	13,520	3.72	503	24	90	-827	+.01	-28	-45
03-28-62 1189870 4645828 5-71				13,14,16	18		14,501	3.72	539						
1428532 MEADOWSWEET IRVINGTON STAR....*		1	12	1-35	12	1.0	14,734	3.74	551	**	19	+135	+.02	+7	+9
08-02-62 1237057 3697631 5-71					9		14,018	3.69	517						
1428565 PAULINA ROYAL KING.....*		1	13	1-31	13	2.1	13,620	3.72	506	8	23	-1	+.02	+3	+2
12-29-61 1354925 4228477 1-71					15		13,593	3.63	493						
1428586 W O T S AUDACIOUS REMER.....*		4	12	1-73	22	1.5	15,106	3.35	5D6	42	32	+152	+.01	+7	+1D
12-09-61 1237747 45D4793 5-71					21		14,7D6	3.28	482						
1428613 HOWACRES HOMESTEAD PLATO.....*	35-05	38	2	6-32,33,	63	2.0	13,535	4.02	544	18	77	-607	+.27	+14	-4
04-24-62 1038118 47D4457 5-71				35,41,42	18		14,365	3.68	528						
1428634 GLENAFTON RAG APPLE HARTOG....	61-D2	25	3	5-31,32,	44	2.2	14,829	3.55	527	10	68	+338	-.01	+11	+18
12-D5-61 1243697 010672857 5-71				33,65,74	18		14,374	3.56	512						
1428649 WINFARM RAG APPLE MAGIC.....*	33-03	19	16	6-14,16,	69	2.6	17,127	3.59	615	6	59	+732	-.1D	+11	+28
06-14-61 1138451 4691783 5-71				21,43,52	23		16,105	3.76	606						
14287DO KRULL OSBORNDALE IVAN.....*		4	16	3-31,56,	21	2.4	14,653	3.58	525	D	32	-89	+.02	-1	-3
D1-16-62 1189870 3988574 5-71				63	36		15,D48	3.56	536						
1428713 HENKET IVANHOE JIM.....*		9	3	2-23,57	16	1.9	15,018	4.08	613	0	43	+77	+.17	+27	+24
D8-17-62 1189870 3860529 5-71					20		14,939	3.73	557						
1428715 ALOISI FARM RION SCHOOLMASTER.*		2	15	1-14	20	2.2	12,812	3.97	509	6	30	-308	+.D3	-7	-14
03-30-62 1344641 4533246 5-71					19		13,827	3.9D	539						
1428731 WILLARDS MONARK.....*	91-11	5	16	2-42,47	36	1.9	14,952	3.58	535	12	41	+597	-.03	+17	+30
07-14-62 1D55D21 4342186 5-71					17		13,446	3.66	492						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1428771 WOODLEDGE LADDIE VAR.....*		11	3	2-52,55	25	1.5	15,479	3.56	551	9	52	+448	-.06	+8	+18
10-15-61 1320306 4385937 5-71					10		14,690	3.68	540						
1428781 COCHRAN GENERAL ANDREW.....*		11	9	3-22,23,	29	1.9	13,867	3.73	517	24	46	-521	-.02	-21	-31
07-23-62 1215402 4067130 5-71				55	15		15,128	3.79	573						
1428789 PINEYHILL MILKYWAY.....*		6	39	1-23	48	2.6	15,906	3.69	587	16	33	+146	.00	+5	+8
11-24-60 1295523 4381898 5-71					22		15,634	3.72	581						
1428792 PINEYHILL MAJESTY.....*		2	6	2-33,93	10	2.0	15,405	3.88	598	11	27	-359	+.07	-4	-13
07-17-62 1348281 5066948 5-71					38		17,032	3.69	628						
1428793 PINEYHILL GILBERT JIM.....*		1	17	1-23	17	2.3	12,762	3.73	476	0	25	-444	+.01	-15	-24
04-26-62 1295523 3217844 5-71					12		14,591	3.73	544						
1428794 PINEYHILL CADMUS.....*		5	27	1-21	38	2.3	14,191	3.64	516	3	34	-87	+.04	+2	-1
06-19-62 1295522 4352833 5-71					53		14,503	3.52	511						
1428795 PINEYHILL FERDINAND.....*		4	11	2-32,93	23	1.5	14,781	3.84	568	30	35	-168	+.05	+1	-4
07-01-62 1391977 5039357 5-71					39		15,408	3.72	573						
1428796 PINEYHILL PONTIAC MILESTONE...*		5	4	1-93	13	1.2	15,747	3.61	568	0	32	-699	+.05	-18	-33
07-15-62 1391977 4809677 5-71					77		18,362	3.49	641						
1428797 PINEYHILL CELEBRITY.....*	35-02	66	2	5-21,34,	91	1.5	13,968	3.72	519	22	82	-676	+.07	-15	-30
09-04-62 1391977 4337481 5-71				35,51,57	17		14,883	3.65	543						
1428809 WALKWAY IVANHOE BEN.....	35-21	131	2	5-35,41,	179	1.8	14,343	3.79	543	20	91	+247	+.11	+24	+26
12-09-61 1189870 4598574 5-71				42,43,47	20		14,085	3.68	518						
1428839 HAYSSEN SHAMROCK INGO.....*		5	20	3-35,41,	27	1.6	13,652	3.56	486	46	29	-293	-.03	-14	-19
08-30-62 010260599 5469635 5-71				74	26		14,740	3.68	543						
1428844 LIME SPRINGS GOVERNOR BURKE...*		5	6	1-21	14	2.6	16,184	3.48	564	7	36	+140	-.03	+1	+4
08-21-62 1038509 4529371 5-71					23		15,998	3.56	569						
1428854 MONTY-KAY JESS LEADER.....*		1	12	1-31	12	2.2	13,853	3.81	528	25	23	-186	+.04	-1	-6
04-15-62 1216957 4844064 5-71					17		14,742	3.66	540						
1428863 DIALAND P C SIMMONE BARNEY....		1	10	1-34	10	2.4	13,834	3.51	486	13	23	-100	-.02	-6	-8
04-06-62 1253032 4279636 1-71					12		14,314	3.60	516						
1428889 KOOI PRIDE ABE.....*		2	11	1-93	13	1.4	16,403	3.60	590	29	23	-224	+.03	-4	-9
06-01-62 1376340 5045920 5-71					69		17,787	3.50	622						
1428940 MAJOR REFLECTION.....*		2	10	1-52	12	2.5	13,130	3.59	472	20	26	-120	+.03	0	-3
01-24-62 1200082 4497313 5-71					11		13,564	3.47	471						
1428947 ELMOAK KLAZERINA CHAMPION.....*		1	11	1-35	11	2.4	12,712	3.63	461	11	23	-266	-.02	-13	-18
07-19-62 1286826 3520121 5-71					13		13,858	3.77	522						
1428953 VINCENT GRAND CHAMP.....*		1	17	1-23	17	2.1	10,279	3.60	370	8	25	-214	+.01	-7	-11
04-01-62 1224799 4107537 5-71					6		10,847	3.61	392						
1428969 BEACON MODEL FAME.....*		5	11	2-13,21	23	1.7	13,915	3.67	510	**	36	-126	+.03	-1	-4
08-10-62 1148993 4265081 5-71					15		14,303	3.62	518						
1428978 EBYDALE TRIUNE BANNER.....*		8	2	2-21,23	12	2.3	14,335	3.44	493	0	40	-114	-.05	-11	-12
11-05-61 010252803 011368931 5-71					24		14,696	3.57	524						
1429011 DORCIS ADMIRAL KING.....*		8	8	1-42	20	2.3	14,789	3.49	516	5	40	+449	-.06	+7	+17
07-30-62 1237057 3761926 5-71					9		13,642	3.66	499						
1429083 GREIGS IMPERIAL BURCAR GO.....*	21-10	39	1	3-13,21,	40	2.4	14,327	3.57	511	12	73	-452	+.02	-14	-23
07-26-62 1140763 4487977 5-71				23	23		15,059	3.55	535						
1429114 ELLINGDALE LIGHTNING PEERLESS.		1	27	1-35	27	2.0	13,896	3.86	537	18	26	+55	+.03	+6	+6
02-10-62 1196267 4482225 5-71					8		13,655	3.76	514						
1429116 MAVIEW CONQUEROR PILOT.....*		10	4	1-23	18	2.3	14,022	3.76	527	12	45	-285	+.05	-4	-11
06-25-62 1231830 5033370 5-71					12		14,736	3.68	542						
1429135 ROYAL-RIVER SUNSET INKA GINGER		1	16	1-93	16	1.2	17,367	3.51	609	9	21	+80	-.01	+1	+3
09-25-61 1258673 3424205 5-71					94		17,324	3.57	618						
1429141 MUTUAL LEADER BLACKY.....*		1	10	1-31	10	1.9	10,869	3.67	399	44	21	-457	.00	-16	-25
10-25-61 1216957 4769685 5-71					25		12,974	3.68	478						
1429144 BINGLIS SUPREME PRINCE.....*		1	11	1-93	11	2.6	20,721	3.41	706	0	24	+750	-.09	+14	+31
03-23-62 1109640 4361601 5-71					31		17,927	3.68	660						
1429165 BORDER ROYALIST.....*		3	54	2-86,91	60	1.4	16,432	3.51	577	17	27	-36	+.01	0	-1
04-10-62 1305460 4379905 5-71					135		16,858	3.48	587						
1429203 HILMAR SKY AAGGIE.....*		1	12	1-93	12	1.0	13,674	3.42	467	**	19	+10	-.03	-4	-3
01-04-61 1244845 3543555 5-71					6		13,585	3.64	494						
1429213 ANEDAW R A GINGER.....*		3	8	1-41	15	2.4	15,070	3.93	593	9	34	+194	+.09	+20	+22
06-29-62 1258673 4305626 1-71					20		14,551	3.69	537						
1429217 HAR-LOLA HARTOG MALLARY.....*		3	16	1-21	20	2.2	12,134	3.49	424	7	28	-381	+.01	-13	-21
10-20-61 1237747 4200705 5-71					11		13,428	3.51	471						
1429220 KENLYN MARATHON DELLA.....*		4	6	1-52	15	1.9	14,980	3.94	590	21	36	-464	+.13	+1	-11
07-28-62 1151349 4164125 5-71					34		16,533	3.60	596						
1429236 GLENODEN BELMONT LUCIFER.....*		1	49	1-21	49	1.7	13,952	3.48	485	28	27	-339	+.03	-8	-15
08-19-62 1290182 3677269 5-71					33		15,361	3.38	519						
1429237 WOODNORTH FURY JOHN.....*		1	10	1-35	10	2.2	13,915	3.85	536	0	22	+196	+.04	+13	+16
04-26-62 1380401 4042425 5-71					15		12,930	3.68	476						
1429244 HAR-LOU GEM NAN CHARLEY.....*		5	19	2-31,64	28	2.2	14,220	3.45	490	24	33	-252	+.02	-6	-12
07-23-62 1353953 3678612 5-71					13		15,095	3.40	513						
1429305 EDGEWOOD HALL ESQUIRE.....*		3	13	2-81,87	17	1.5	14,917	3.47	517	21	26	+176	-.04	+1	+5
01-29-61 1244845 3387703 5-71					26		14,262	3.60	513						
1429306 UNH LEADER JUNIOR.....*	21-10	54	3	4-11,12,	90	2.1	12,712	3.72	473	12	83	-932	-.01	-35	-53
08-31-62 1188528 4031317 5-71				13,14	20		13,830	3.75	518						
1429315 CHAMPION FOBES SOVEREIGN.....*		5	4	1-34	18	2.1	12,613	3.64	459	**	46	-383	+.01	-13	-21
02-12-62 1300668 4611564 5-71					10		13,400	3.63	487						
1429338 DISTINCTION BLACK BUTTER BOY..*		1	16	1-35	16	2.2	12,965	3.81	494	25	24	-17	-.02	-3	-3
03-13-62 1368957 3974036 5-71					7		12,940	3.96	513						
1429339 DISTINCTION IDEAL PILOT.....*		6	11	2-35,41	29	1.8	14,832	3.77	559	13	42	+38	+.06	+10	+9
04-07-62 1175596 4307904 5-71					17		14,829	3.63	539						
1429342 DISTINCTION ROYAL PROFILE.....*		1	12	1-35	12	2.5	15,300	3.49	534	0	23	+372	-.03	+9	+17
07-30-62 1305460 4307906 5-71					31		13,676	3.61	494						
1429352 COOPERFIELD SIR DAWN IVAN.....*		4	13	1-51	20	2.6	14,828	4.13	612	13	33	-214	+.04	-2	-7
07-29-61 1189870 4715199 5-71					36		15,641	4.05	633						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1429371 VOLHOUDEN SOVEREIGN.....*		2	13	1-91	15	2.3	15,247	4.12	628		7	26	-101	+.16	+18	+12
09-10-62 1258673 4400941 5-71					9		15,826	3.57	565							
1429377 ALTURA LILLY PINEY.....		1	17	1-41	17	2.6	12,725	3.81	485		21	26	-431	+.08	-5	-15
04-19-62 1383004 3839703 5-71					15		14,429	3.53	510							
1429384 HEERSCHE BEAUTY CAPTAIN.....*		2	41	1-73	43	2.0	14,890	3.55	529		21	28	+2	.00	0	0
04-13-62 1144239 4373948 5-71					44		14,986	3.56	534							
1429395 PENN-GATE FOND REFLECTION.....*	33-03	4	23	2-21,23	30	2.0	15,771	3.44	542		17	31	+218	-.02	+5	+10
07-26-62 1138451 4643806 5-71					21		15,193	3.49	530							
1429420 JIM ORMSBY SOVEREIGN.....*		1	10	1-35	10	2.6	14,490	3.66	531		10	23	-66	+.01	-1	-3
08-19-62 1344096 4181602 5-71					13		14,873	3.64	542							
1429421 DIAMOND HILL PRIDE MINA.....*		3	16	2-50,51	21	2.3	14,067	3.57	502		10	30	-21	-.03	-5	-5
11-26-61 1282695 3815460 5-71					24		14,162	3.70	524							
1429450 TIEDEN LEADUKE FOBES.....*		2	15	1-42	17	2.3	12,934	3.63	469		0	27	+4	.00	0	0
11-08-61 1333367 4923546 5-71					16		12,805	3.65	468							
1429454 MAVIEW SAMSON CONQUEROR.....		2	9	1-57	12	2.3	15,794	3.57	564		0	28	+237	.00	+8	+13
05-02-62 1231830 2852032 5-71					5		15,046	3.58	539							
1429456 VINEDALE BURKE IDEAL.....*	61-02	98	3	5-33,34,	151	2.1	13,126	3.66	480		20	89	-836	-.01	-32	-48
05-23-58 1013415 010802212 5-71				35,61,74	18		14,085	3.68	519							
1429483 ARTEVEL IDEAL FAYNE.....*		2	21	1-93	25	2.2	17,510	3.53	618		4	29	+148	-.03	+1	+5
01-20-62 1144239 4736222 5-71					127		17,330	3.62	628							
1429512 ORIOLE HOME BILLVER WAYNE.....*		6	25	3-35,55,	44	2.2	13,526	3.72	503		4	38	+284	-.01	+9	+15
01-09-61 1357797 2988454 5-71				57	17		12,655	3.76	476							
1429519 TEXAL FOREST LEE KISMET.....*		2	48	1-21	50	1.9	16,018	3.32	531		4	28	+502	-.06	+10	+21
01-26-60 010255999 011050661 5-71					33		14,283	3.46	494							
1429521 TYLER FARMS MAJESTY MARK.....*		1	16	1-16	16	2.4	16,322	3.75	612		6	25	-239	+.01	-7	-12
09-23-62 1293580 3742261 5-71					20		17,640	3.74	660							
1429522 TYLER FARMS MAJESTY.....*		12	16	2-12,13	53	2.1	13,699	3.91	536		14	52	-512	+.09	-7	-19
09-29-62 1293580 3374200 5-71					24		14,777	3.77	557							
1429533 HANSELS ORMSBY RAG APPLE-TWIN.*		2	8	1-23	11	1.8	11,555	3.93	454		**	26	-778	+.05	-22	-38
01-23-62 1326059 4490463 5-71					27		14,645	3.75	549							
1429537 LONBRIK CAPTAIN.....*		1	43	1-91	43	2.1	14,070	3.60	506		3	28	-2	.00	0	0
06-08-62 1144239 4347877 5-71					42		14,097	3.62	511							
1429570 DODD FARMS IVANHOE MIDGET.....*		2	31	1-23	35	1.9	14,841	3.31	491		9	29	-147	-.03	-10	-12
05-21-62 1189870 4176055 5-71					54		15,506	3.42	531							
1429581 JEM-ACRES ALLEN GRANT.....		1	15	1-32	15	1.7	12,379	4.04	500		7	23	-131	+.06	+3	-1
09-26-62 1392301 3861579 5-71					2		12,850	3.78	486							
1429599 ROSAFE PEARL SUPREME.....*		11	24	6-23,31,	72	2.0	12,801	3.47	444		22	51	-434	-.03	-20	-28
11-16-57 010249633 010605815 5-71				52,54,73	27		13,622	3.55	484							
1429628 VILLA ROSA PENNY RUSTY.....*		1	12	1-33	12	3.2	15,835	3.45	547		0	26	+6	.00	0	0
06-04-62 1324959 4899835 5-71					27		16,019	3.48	557							
1429635 OLIRLICH MASTERPIECE ECHO.....*		4	8	3-22,34,	17	2.3	13,792	3.96	546		0	35	-328	+.09	0	-9
12-07-61 1318021 4089449 5-71				35	15		14,831	3.73	553							
1429640 WOODNORTH SUPREME MAX FONDY...*	35-75	10	20	6-23,32,	37	1.6	16,690	3.54	591		33	36	+400	-.07	+5	+15
05-02-62 1382768 4238453 5-71				33,35,45	7		15,764	3.71	585							
1429641 BIRDLAWN ROWSDALE DALE.....*		1	16	1-35	16	2.0	15,286	3.58	548		23	24	+308	-.01	+9	+15
08-13-62 1383551 4372539 1-71					17		14,026	3.64	511							
1429645 JEWELHOLM SYMBOL SUPREME.....		71	2	6-11,12,	93	2.2	15,047	3.42	515		10	85	+430	-.23	-18	-4
10-07-62 1341149 4446743 5-71				13,14,16	19		14,607	3.70	541							
1429663 MAINWOOD TERRIBLE.....*		8	6	2-13,21	18	2.2	15,543	3.72	578		22	41	+38	+.05	+9	+8
07-13-62 1189870 3772368 5-71					29		15,618	3.60	562							
1429666 DUKE LORENZO WIS POSCH.....*		2	8	1-21	15	2.0	15,614	3.40	531		0	33	+454	-.02	+13	+23
04-03-62 1179372 3968516 5-71					23		14,261	3.44	490							
1429678 PACLAMAR SENATOR COMET.....*		8	19	4-33,35,	31	1.7	13,893	3.72	517		47	33	-248	-.01	-10	-15
07-26-62 1252985 3130814 5-71				52,63	21		14,715	3.78	556							
1429688 SOL-HIL HI HOPE COMMANDER.....		1	10	1-23	10	1.9	12,632	3.63	458		11	22.	-41	+.01	0	-1
09-02-62 1250992 4963784 5-71					11		12,700	3.60	457							
1429710 VANWIN LOCHINVAR.....*		1	28	1-63	28	1.8	13,361	3.64	486		**	26	-173	+.01	-5	-9
01-06-62 1357462 4197053 5-71					16		14,051	3.62	508							
1429744 KUEHLCREST ROYAL HOPE.....*		2	10	1-42	20	2.6	11,919	3.47	413		10	37	-7	-.03	-5	-4
04-26-62 1305460 4191902 5-71					43		11,717	3.58	420							
1429760 HARTSBROOK IVANHOE MARK.....*		8	5	4-12,13,	17	2.2	14,560	3.50	509		15	42	-152	-.07	-15	-16
03-09-62 1189870 4214743 5-71				14,21	24		15,033	3.67	552							
1429794 TIDY BURKE TOM.....*		8	7	4-51,54,	23	2.3	12,959	3.57	463		5	46	-743	-.02	-30	-44
04-19-62 1400686 5146866 5-71				55,73	47		14,647	3.65	534							
1429795 TIDY BURKE AYR.....*		1	38	1-21	38	2.0	13,853	3.19	442		21	27	-87	-.05	-10	-11
04-22-62 1400686 5129441 5-71					141		14,203	3.39	482							
1429817 LONVU IVANHOE PLUTO.....*		3	13	2-12,16	17	1.7	13,936	3.75	523		7	27	+87	+.03	+8	+9
07-27-62 1189870 4411897 5-71					26		13,572	3.61	490							
1429821 DEE ANN DOUBLE ECHO.....*		21	10	11-21,31,	52	1.6	15,392	3.39	522		15	57	+240	-.12	-9	-1
03-23-62 1230610 4636502 5-71				48,84,86	45		15,086	3.61	544							
1429844 DE MAAS SPECIALIST-TWIN.....*		6	4	2-91,93	13	1.7	15,973	3.64	581		25	36	-114	.00	-4	-6
07-04-61 1354288 3610813 5-71					21		16,557	3.65	605							
1429869 IDEOGRAPH BENEFACTOR SENATOR..*		8	7	3-82,87,	29	1.4	15,486	3.69	571		17	47	-140	+.09	+7	+2
10-03-62 1199324 3718868 5-71				93	41		15,994	3.51	562							
1429881 S C P HEORICK.....*		4	11	1-56	24	1.8	13,369	3.48	465		43	38	-138	-.01	-7	-9
07-25-62 1263007 4504513 5-71					85		13,714	3.53	484							
1429889 TRIUNA SKYLARK MASTERPIECE....		3	6	1-42	14	1.9	13,491	3.49	471		9	34	-117	+.02	-1	-4
03-19-62 1318021 4475775 5-71					5		13,825	3.42	473							
1429902 MALLARY PEACEMAKER.....*		11	2	1-21	15	1.3	14,112	3.48	491		13	43	-313	-.03	-15	-21
07-24-62 1197095 3938567 5-71					25		14,937	3.55	531							
1429910 WILLIAMS IDEAL VIC.....		1	29	1-43	29	1.0	13,597	3.76	511		**	22	-109	+.01	-2	-4
10-04-62 1369949 4251644 5-71					1		14,116	3.75	529							
1429914 RICHTAN CHIEF ELEVATION.....		1	47	1-43	47	1.9	9,749	3.63	354		13	27	-422	-.01	-16	-24
08-13-62 1271810 2987234 5-71					10		11,032	3.69	407							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	%
1429917 NOBLE-VALE HIGHFLYER MAJOR....*		5	5	2-13,21	15	2.6	14,943	3.56	532		7	41	+216	+.02	+11	+15
10-16-62 1318968 4479499 5-71					31		14,463	3.48	504							
1429947 MEADOW VIEW PAUL PILOT.....*		6	2	3-12,16,	11	1.6	13,917	3.91	544		20	36	-335	+.15	+9	-1
08-20-62 1289479 4928408 5-71				52	18		14,949	3.49	522							
1429981 ECHO POINT MAJESTY CHIEF.....*		2	11	1-23	13	1.9	14,934	3.68	550		9	25	-81	-.03	-7	-8
04-21-62 1293580 3624326 5-71					15		15,413	3.83	590							
1429989 ISEEIT SENSATION LAD.....*		1	10	1-34	10	2.8	14,434	3.55	512		0	23	+154	.00	+6	+9
09-04-62 1267271 4480857 5-71					33		13,750	3.51	483							
1429993 NORTEX COMET SKOKIE.....		1	34	1-74	34	1.3	12,407	3.63	450		9	24	-116	+.01	-3	-6
08-17-62 1326532 3949295 5-71					9		12,778	3.62	462							
1430000 NUCKDOALE TIDY BIG BOY.....		1	26	1-52	26	1.8	15,090	3.86	582		4	26	+103	+.03	+8	+9
08-17-62 1189679 5016941 5-71					6		14,770	3.75	554							
1430005 LONDON DICTATOR PLUM.....		4	18	1-31	23	2.0	15,609	3.75	586		23	30	-123	+.02	-2	-5
08-11-62 1305366 4131748 5-71					70		16,253	3.73	607							
1430006 ORIENT PRIDE C B ROMEO.....*		4	28	1-31	42	1.8	14,239	3.50	499		13	34	-166	+.04	0	-4
08-29-61 1197678 4653343 5-71					44		14,813	3.37	499							
1430019 FROGMORE PONTIAC STEUBEN.....*		5	14	1-21	21	1.4	16,809	2.92	491		**	29	+28	-.09	-12	-9
07-19-62 010260599 3044948 5-71					11		17,022	3.17	539							
1430029 SOVEREIGN WALKER PROGRESSOR...*		1	11	1-41	11	2.6	9,200	3.39	312		0	24	-414	-.02	-17	-25
10-23-61 1136905 4674604 5-71					5		10,618	3.52	374							
1430038 ROBURKE PAT ROSCOE.....*		1	12	1-21	12	1.9	13,715	3.78	519		0	23	-229	+.06	0	-6
09-25-62 1347564 4660673 5-71					48		14,822	3.54	524							
1430047 MEADOWFARM TRANSMITTER REX....		2	13	1-34	25	2.4	10,743	3.75	403		14	37	-470	+.01	-16	-25
06-25-62 1383759 4563980 5-71					11		11,789	3.75	442							
1430069 ATHLONE MAJOR.....		1	32	1-45	32	1.8	12,892	3.70	477		18	26	+93	+.01	+5	+7
10-05-62 1199324 4662465 5-71					14		12,382	3.67	455							
1430070 GRAMHOME LANCER REBEL.....		1	16	1-35	16	2.0	12,453	3.48	433		27	24	-130	-.05	-12	-13
06-18-61 1310109 3882726 5-71					17		12,900	3.78	487							
1430090 SIBU RAVEN.....*		10	8	3-21,23,	24	1.8	14,893	3.69	550		14	42	+142	+.03	+10	+12
03-01-62 1113350 4412241 5-71				51	36		14,625	3.61	528							
1430094 SKYLINER ELEVATION AMOS-TWIN..*		1	18	1-48	18	2.7	15,803	3.49	551		6	27	+334	-.02	+9	+16
08-21-62 1244845 4697441 5-71					9		14,618	3.54	517							
1430096 OELI PABST REENIE PRIDE.....*		3	14	1-33	18	1.9	14,700	3.57	525		13	28	-210	+.03	-4	-9
06-03-62 1385425 4261042 5-71					17		15,620	3.50	547							
1430098 RUSSINWOOD BUSTER.....*		2	8	2-33,64	10	2.6	15,782	3.67	579		0	25	+249	-.02	+6	+11
09-04-62 1189870 3350583 5-71					19		14,899	3.76	560							
1430106 CHAMBRIC ROYAL NEO.....*	61-02	47	2	4-31,32,	67	2.1	13,314	3.64	485		25	79	-832	+.02	-27	-44
05-22-62 1305460 3501635 5-71				33,61	17		14,410	3.62	522							
1430109 BIG ROCK MASTER CREAMELLE.....*		3	9	1-21	13	2.0	11,953	3.71	444		54	26	-377	+.03	-10	-18
05-19-62 1305460 3250348 5-71					15		13,323	3.63	484							
1430121 PABST ADMIR REBE.....*		2	22	1-34	24	1.3	13,210	3.75	495		11	24	-172	+.01	-5	-9
06-29-62 1358647 4230292 5-71					6		13,925	3.76	524							
1430145 CITATION R MAPLE.....*	35-75	14	19	6-12,13,	56	2.0	17,113	3.62	620		8	50	+980	+.02	+39	+58
08-03-62 1492073 3652213 5-71				16,21,61	33		15,275	3.57	545							
1430161 ROSEMERE MAGICIAN RIGHTO.....*		3	5	1-31	11	2.0	13,939	3.60	502		0	31	+187	-.02	+4	+8
02-15-62 1138451 4604080 5-71					15		13,271	3.68	488							
1430162 ROSEMERE MAGICIAN RIGHTOA-TWIN	31-02	78	3	9-31,43,	135	2.1	14,381	3.69	531		10	87	+318	+.08	+23	+27
02-15-62 1138451 4604080 5-71				55,56,58	19		14,025	3.60	505							
1430168 CINDY-VALE STAR DAGAN.....	41-01	71	2	5-35,41,	91	1.9	15,077	3.51	529		10	83	+722	-.07	+16	+32
11-24-61 1223243 4474245 5-71				45,82,87	19		14,241	3.58	510							
1430175 HAWTHORN APPLE BOY.....		5	9	4-31,33,	22	1.9	13,275	3.44	457		24	38	+11	-.03	-4	-3
08-31-62 1282185 3931829 5-71				34,57	50		13,168	3.53	465							
1430201 LAUREL RUN REFLECTOR ORMSBY...*		3	7	1-23	10	2.7	15,410	3.56	548		0	28	+97	-.03	-1	+2
09-14-62 1298430 3820035 5-71					10		15,191	3.69	560							
1430207 MOOSE LAKE FOBES DANDY GINGER.		1	22	1-41	22	1.4	11,194	3.98	445		**	23	-574	+.10	-7	-21
10-08-62 1258673 4542004 5-71					4		13,617	3.50	477							
1430216 ESSOALE WIS REBURKE.....*		1	12	1-23	12	2.0	12,883	3.90	502		0	23	-206	+.01	-6	-10
01-06-62 1179372 5194296 5-71					7		13,772	3.90	537							
1430218 MEREDITH RAG APPLE IVANHOE....*		12	2	4-23,51,	17	2.0	13,838	4.05	561		6	49	-491	+.16	+4	-9
09-22-62 1189870 3808250 5-71				54,73	28		14,952	3.74	559							
1430245 ARCON ADMIRAL GETTIE.....*		4	5	1-93	14	2.1	17,173	3.26	559		8	37	+714	-.12	+8	+25
05-23-62 1237057 3699965 5-71					27		15,357	3.53	542							
1430276 ROCK RIVER GENERATOR.....		1	39	1-42	39	1.8	11,280	3.80	429		7	26	-524	+.03	-15	-26
10-30-62 1355376 4864401 5-71					6		13,193	3.71	490							
1430306 BER-CRE-FARM MISTY STAR.....*		5	8	4-21,22,	24	2.3	13,632	4.15	566		24	44	-498	+.19	+7	-7
09-08-62 1316590 4186622 5-71				23,57	31		14,852	3.74	555							
1430314 HARMONY CREST MASTER.....*		10	13	4-22,51,	33	2.0	14,398	3.68	530		13	43	+138	-.04	0	+4
01-31-62 1025902 4245161 5-71				56,93	59		14,090	3.78	533							
1430321 RAVEN IVANHOE BELL RINGER.....*		3	12	1-23	17	2.2	14,839	3.87	574		0	30	+48	-.01	+1	+2
09-12-61 1189870 4164604 5-71					7		14,760	3.92	579							
1430368 EDGEWOOD HALL IVANHOE.....*		1	14	1-87	14	2.1	15,631	4.02	628		8	24	+97	+.07	+13	+13
01-27-62 1189870 3956003 5-71					9		15,371	3.79	583							
1430380 MILLER FARMS PROFESSOR DE KOL.		1	25	1-31	25	2.2	13,507	3.86	522		17	27	-325	+.02	-9	-16
06-15-62 1403153 3845813 5-71					9		14,814	3.81	564							
1430386 GRASSY MEADOWS ROYAL GOLD.....*		7	2	1-55	10	2.5	16,979	3.80	646		13	37	+278	+.08	+21	+25
10-24-62 1397752 4583695 5-71					21		16,473	3.63	598							
1430388 VAN FEL IDEAL MAGICIAN KING...*		3	8	2-33,43	11	2.6	14,940	3.77	563		0	28	+114	+.05	+11	+12
09-02-62 1138451 4901187 5-71					16		14,600	3.60	525							
1430391 ELROC PRINCE VALIANT.....*		1	10	1-23	10	2.5	13,341	4.05	540		0	23	-67	+.06	+6	+3
06-06-62 1237057 3391222 5-71					12		13,606	3.78	514							
1430397 TALOGA JEEP REPEAT-TWIN.....*		6	2	1-48	10	1.5	13,055	3.69	482		57	33	-377	+.01	-12	-20
10-13-62 1260405 3717269 5-71					15		14,229	3.68	523							
1430405 CLOVERTOP ROYAL SENSATION.....*		9	18	4-21,51,	35	2.1	14,051	3.79	532		17	39	-293	-.01	-12	-18
09-06-62 1305460 4253609 5-71				54,55	35		14,898	3.85	573							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1430410 MAVIEW MASTER CONQUEROR.....		2	42	1-11	46	2.6	16,070	3.70	594		2	32	+274	+.03	+14	+19
05-24-62 1231830 3735885 5-71					56		15,339	3.62	556							
1430432 TUSCARORA TORIN MIKE.....*		1	12	1-21	12	1.3	14,133	3.63	513		**	20	+135	+.01	+6	+8
05-04-61 1333741 4671337 5-71					12		13,397	3.57	478							
1430445 C S H CREATOR JOE.....*		6	4	1-73	11	1.4	13,952	3.37	470		44	30	-64	+.01	-1	-2
08-01-62 1239807 4259542 5-71					20		14,192	3.33	473							
1430457 MAPLE LAWN OUKEY SEARS.....		1	11	1-21	11	2.4	16,004	3.47	555		18	23	+23	-.01	0	+1
10-23-62 1112211 4519034 5-71					13		16,119	3.52	567							
1430467 JANELAND CAPTAIN DUKE.....		7	9	1-34	36	1.5	15,699	3.43	538		24	49	+485	-.10	+3	+15
07-25-62 1144239 4846288 5-71					23		14,791	3.62	536							
1430476 HEERSCHE SKYLINER MISTER.....*		4	18	2-48,73	37	2.1	14,338	3.40	488		13	41	+103	-.04	-2	+1
07-08-61 1244845 3662679 5-71					24		14,098	3.50	494							
1430488 JEM-ACRES JERRY JEO.....*		1	12	1-32	12	2.0	13,978	3.75	524		29	22	-223	+.01	-7	-12
07-30-61 1138441 4609700 5-71					13		15,100	3.74	564							
1430499 VER-LOU GOLOEN GAY 80Y.....		1	10	1-32	10	2.1	14,600	3.37	492		22	22	+8	-.03	-4	-3
09-18-62 1215448 4769972 5-71					24		14,634	3.54	518							
1430502 NACHES TALENT PRINCE.....*		4	5	1-34	10	1.9	12,923	3.51	453		22	28	+141	-.01	+3	+6
09-23-62 1359798 3393128 5-71					22		12,245	3.54	434							
1430511 8ANNER LADY SOL.....*		1	10	1-48	10	2.9	14,128	3.74	528		0	24	+139	+.02	+8	+10
06-27-62 1167093 4333419 5-71					69		13,494	3.64	491							
1430516 CANAAN IVANHOE MAJOR.....*		6	2	2-57,93	10	2.4	15,669	3.48	545		10	37	+319	-.04	+6	+13
04-18-62 1373793 4674672 5-71					32		14,899	3.58	533							
1430546 ROMANOALE REFLECTION POMPEY...*		10	12	3-22,34,	31	2.3	13,046	3.40	444		32	43	-755	-.07	-36	-49
09-23-61 010260008 011599572 5-71				61	15		14,881	3.58	532							
1430584 IOEAL COMET DUKE.....		1	10	1-48	10	2.6	11,738	3.48	408		0	23	-243	-.01	-10	-15
10-03-62 1391990 4411686 5-71					4		12,677	3.57	453							
1430603 LOCHINVAR TIOY DE KOL.....*		1	13	1-48	13	1.9	14,669	3.39	498		33	22	-116	-.03	-9	-10
10-20-61 1271810 3148517 5-71					12		15,330	3.56	546							
1430612 NOEL ELLEN IVANHOE.....*		18	44	4-21,23,	89	2.0	13,780	3.45	475		3	43	-710	-.07	-35	-47
02-02-62 1189870 3561144 5-71				31,55	28		15,598	3.62	565							
1430621 SANWILIN MAGICIAN MARC.....*		3	6	2-43,48	11	1.0	14,555	3.51	511		0	24	+514	.00	+18	+28
11-26-61 1138451 3956678 5-71					18		12,212	3.50	427							
1430622 MARDIC COUNTOOWN ROCKET.....		1	25	1-34	25	1.5	14,974	3.97	594		**	24	+208	+.03	+12	+15
11-28-61 1355857 4424944 5-71					22		14,140	3.88	548							
1430682 ILLIVALE SKY GOV.....		1	44	1-92	44	1.9	14,832	3.52	522		0	27	+174	-.04	0	+5
09-06-62 1244845 4505150 5-71					97		14,224	3.68	523							
1430700 SPRING VALLEY ROYAL PAT.....*		3	15	2-21,51	20	2.1	15,265	3.60	549		21	30	+212	-.02	+5	+10
08-06-62 1305460 4185290 5-71					32		14,623	3.66	535							
1430714 FRICKES PONTIAC JACK.....*		6	8	2-22,34	16	2.3	16,385	3.56	584		20	35	+367	-.04	+7	+15
10-07-62 1397752 4297319 5-71					59		15,489	3.68	570							
1430730 LUND OALE SKYMASTER MATAOOR...*		1	23	1-41	23	2.1	10,360	3.34	346		6	26	-338	-.03	-16	-22
05-07-61 1261140 4291233 5-71					5		11,421	3.50	400							
1430733 DALE OELIGHT IOEAL MAJOR.....*		1	10	1-42	10	1.2	16,445	3.79	623		0	19	+405	-.03	+11	+20
06-08-62 1200082 4299751 5-71					19		14,301	3.98	569							
1430750 HUTCH RAG APPLE HARVESTER.....*		8	2	2-34,63	12	1.8	14,590	3.52	514		43	38	+74	-.04	-3	-1
09-22-61 010239301 5116620 5-71					59		14,446	3.64	526							
1430767 MALLORY LAKE PAYMASTER JACK...*		1	20	1-34	20	1.7	12,476	3.95	493		40	24	-241	+.05	-2	-8
07-30-62 1387864 4737448 5-71					20		13,427	3.76	505							
1430780 HIAWATHA 8IG JOHN.....*		2	9	1-35	12	1.9	12,068	3.74	451		45	26	-707	+.03	-21	-36
05-22-62 1268974 4570166 5-71					13		14,907	3.62	540							
1430790 VALLA VISTA PROUO GREAT.....*		12	7	3-61,63,	30	1.6	12,940	3.56	461		19	48	-350	-.03	-17	-23
08-15-62 1243399 4425760 5-71				65	18		13,643	3.64	497							
1430824 MALLARY REWARD.....*		6	8	4-11,12,	17	2.4	16,865	3.65	616		0	37	0	-.06	-9	-7
09-26-62 1374719 3934892 5-71				13,21	24		17,194	3.84	660							
1430833 HILLSIOE PHYSICIAN.....*		1	13	1-23	13	1.9	13,813	3.95	546		15	22	-115	+.02	-1	-4
05-27-62 1321903 3846713 5-71					21		14,375	3.90	560							
1430835 GENSKOW ORMS8Y TRIUNE REX.....*		3	5	2-33,54	14	1.9	13,231	3.76	498		44	36	+419	+.01	+17	+25
08-28-62 1297169 3534305 5-71					22		11,840	3.75	444							
1430843 FOUNTAIN FARM ROBINSON.....*		6	8	2-22,23	18	2.0	14,683	3.60	529		35	35	-88	-.06	-12	-12
08-23-62 1326835 3117815 5-71					26		15,050	3.81	573							
1430912 HOMEMONO AOMIRAL PRINCE-TWIN..*		1	11	1-31	11	3.0	15,376	3.90	599		0	25	+152	+.06	+14	+16
09-21-62 1237057 4166516 5-71					9		14,852	3.68	547							
1430921 OELI PA8ST MAPLE RULER.....		1	22	1-33	22	1.6	11,520	3.54	408		21	24	-247	.00	-9	-14
07-21-62 1385036 3437316 5-71					6		12,403	3.59	445							
1430926 PAUL PONTIAC ADMIRAL.....*		2	9	1-57	11	2.0	13,933	3.59	500		0	24	-69	.00	-3	-4
06-23-62 1214152 3940744 5-71					91		14,251	3.62	516							
1430933 LOYALMEAOE SKOKIE OUPLICATOR..*		2	20	1-23	25	1.8	15,214	3.61	549		33	29	-150	+.02	-2	-6
02-20-62 1298378 4686873 5-71					23		15,933	3.55	566							
1430995 SHETLARS IDEAL MASTERPIECE....*		1	20	1-73	20	2.2	15,350	3.60	553		15	26	+27	-.02	-2	-1
10-01-62 1404814 4130394 5-71					19		15,390	3.72	572							
1431003 PLATTCO SKYLARK.....	93-16	4	6	2-82,93	11	1.1	18,250	3.35	611		0	25	+336	-.04	+6	+14
08-17-62 1244845 4015394 5-71					157		17,211	3.47	597							
1431045 FIOE 8ARRY ILEx.....*		2	16	1-21	18	2.0	16,653	3.46	577		0	26	+319	+.01	+13	+19
05-24-62 1213164 4803440 5-71					15		15,594	3.39	529							
1431062 EXRANCO FLAM8EAU.....	93-03	1	14	1-93	14	2.3	18,171	3.32	603		0	25	+308	-.08	0	+8
11-06-62 1098656 4194101 1-71					247		17,254	3.59	620							
1431069 EASTLAWN 8ESS IOEAL PONTIAC...*		2	10	1-34	12	2.5	15,004	3.63	545		0	26	+210	-.01	+6	+10
07-29-62 1397752 4916381 5-71					17		14,235	3.68	524							
1431073 ECHO POINT MAJESTY ORMS8Y.....*		1	19	1-23	19	1.6	13,450	3.97	534		26	23	-522	+.04	-13	-24
10-17-62 1293580 5237769 5-71					15		15,879	3.79	602							
1431086 MONCONY AAGGIE CRAT HARRISON..*		1	23	1-52	23	2.3	13,698	3.59	492		5	26	+239	.00	+8	+13
07-26-62 1222989 4202210 5-71					51		12,663	3.62	459							
1431103 WOOD8OURNE PISGAH VIEW CHIEF..*		10	18	3-21,23,	45	1.8	13,418	3.66	491		14	44	-743	+.01	-25	-40
11-22-61 1298430 4299191 5-71				51	8		15,233	3.64	555							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1431111 NICOLK 80LD CHIEFTAIN TONY....*		3	5	1-21	10	2.5	13,522	3.71	502	2D	29	-25D	-.01	-11	-16
D5-31-62 1282936 3162614 5-71					16		14,432	3.79	547						
1431129 RAG APPLE MEADOW RIDGE SIR....*		13	4	1-91	34	2.1	14,844	3.48	517	15	59	-207	-.04	-13	-16
D1-01-59 1431129 011187223 5-71					22		15,335	3.55	544						
1431142 CHRISTIM VAL LYNN.....	21-01	54	1	2-13,21	59	2.1	15,427	3.44	531	13	79	+308	-.10	-3	+6
07-15-62 1245520 3497717 5-71					21		15,157	3.56	540						
1431154 PINEHURST ADMIRAL TRIUNE.....*		8	2	3-35,41,	11	1.9	14,392	3.58	515	10	39	+64	-.02	0	+2
07-D3-62 1286826 4218D13 5-71				45	11		14,256	3.65	52D						
1431155 PINEHURST SATELITE.....*		9	1	3-21,35,	11	1.9	12,946	3.47	449	10	40	-492	-.02	-21	-30
D7-13-62 1286826 43D317D 5-71				85	39		14,2D9	3.54	503						
1431157 PINEHURST ADMIRAL HARK PETER..		2	16	1-41	18	2.D	16,252	3.44	559	14	26	+487	-.04	+12	+23
D8-26-62 1286826 3988874 5-71					11		14,445	3.57	515						
1431158 PINEHURST AOMIRAL LIGHTNING...*		1	13	1-35	13	2.4	13,674	3.36	459	8	24	+6	-.06	-8	-6
D7-31-62 1189593 3781755 5-71					15		13,617	3.65	497						
1431163 LONGCLIFF CARNATION SKYLINER..		2	36	2-32,33	48	1.8	12,795	3.46	443	2D	33	-145	+.01	-4	-7
08-13-62 1244845 3996217 5-71					12		13,164	3.46	455						
1431178 WOJEWNIK CHEVRON.....		1	22	1-34	22	1.4	12,583	3.67	462	25	23	-315	+.02	-8	-15
11-27-61 1233D14 3750769 5-71					15		13,933	3.60	5D2						
1431216 PACLAMAR SENATOR GOVERNOR.....*		5	19	1-84	26	2.0	16,528	3.39	560	12	31	+242	-.03	+4	+10
09-26-62 1252985 5129229 5-71					2D		15,954	3.46	552						
1431218 PACLAMAR TRANSMITTER IOEAL....		1	1D	1-84	1D	1.2	1D,4D0	3.83	398	**	18	-420	+.01	-14	-23
1D-20-62 1154225 4813284 5-71					1		12,548	3.81	478						
1431228 INKLAND ADMIRAL 8ILLY.....*		1	22	1-35	22	1.6	14,601	3.76	549	5	24	-69	+.03	+1	-1
D8-29-62 1237057 4835915 5-71					9		15,D01	3.66	549						
1431229 U V M CAPTAIN FARMER.....*		2	26	1-13	28	1.6	14,538	3.63	528	26	26	-331	+.01	-10	-17
D6-18-62 1144239 4556601 5-71					22		16,014	3.60	576						
1431231 PICA RAY MAE PRIDE.....*		1	17	1-31	17	1.5	12,156	3.65	444	D	23	-7	+.01	+1	+1
1D-20-62 1121706 4655C76 5-71					11		11,995	3.62	434						
1431259 WALKWAY REFLECTOR ROY.....*		1	37	1-33	37	2.D	12,953	3.79	491	5	28	-210	+.02	-5	-1D
D4-D7-62 1390658 3872674 5-71					9		13,696	3.76	515						
1431267 LUCIFER SOVEREIGN CRESTON.....*		1	12	1-51	12	2.6	10,894	3.60	392	11	24	-219	-.01	-9	-13
D4-23-62 1367680 4867681 5-71					8		11,556	3.67	424						
1431274 THE 8LACK KNIGHT.....*		1	18	1-31	18	2.5	15,360	4.11	632	0	26	-2D7	+.11	+7	0
12-13-61 D10198998 D11393943 5-71					13		16,397	3.75	615						
1431357 DIAMOND J OUSTY EVEREST.....		3	57	2-41,93	61	1.0	16,843	3.31	557	4	25	-79	.00	-3	-5
D8-26-62 1205185 3936436 5-71					340		17,525	3.32	582						
1431359 DIAMOND J VAR OUSTY AAGGIE....	35-21	86	3	6-35,41,	135	1.8	14,321	3.53	505	21	87	-8	-.13	-18	-15
1D-D6-62 1355529 2959915 5-71				42,43,47	17		14,374	3.69	530						
1431388 HARTWIG OOSTIE ARGUS.....*		3	49	2-35,63	58	2.D	13,616	3.72	507	6	32	-132	+.07	+5	+1
06-02-62 1377310 3976497 5-71					41		14,047	3.5D	491						
1431432 SMITHLAND MAX FREEMAN.....*		1	22	1-21	22	2.2	13,475	3.27	441	14	26	+94	-.02	D	+2
08-06-62 1382768 4489170 5-71					45		13,D26	3.35	436						
1431440 ALSFARM EQUITY ROYAL.....*		1	17	1-21	17	1.9	14,545	3.56	518	6	24	+12D	-.03	0	+3
11-17-62 1390534 4462495 5-71					16		14,050	3.74	526						
1431513 CHINOOK GRANDIER ACE.....*		5	9	2-82,91	17	1.5	17,D14	3.44	586	18	31	+150	-.06	-3	+1
D6-12-62 1277619 3194992 5-71					29		16,818	3.62	6D8						
1431521 FORELAND MAC THOMAS.....		1	3D	1-21	30	2.4	13,984	3.32	464	31	27	-124	-.04	-10	-12
12-08-61 13207D5 4035029 5-71					60		14,498	3.48	504						
1431541 JU-LEN LUCKY HOPE.....*		1	12	1-33	12	2.6	15,383	3.95	608	30	24	-48	.00	-2	-3
D9-07-62 1250992 3674278 5-71					15		15,768	4.01	632						
1431546 LAW8RO DUNCAN VIC.....*		8	26	1-21	48	1.9	14,727	3.84	565	10	39	+170	+.06	+15	+17
07-24-62 13247D4 4239440 5-71					26		14,328	3.69	529						
143155D MALTESE CHARMER CENTURION.....*		3	18	1-93	22	1.9	15,560	3.73	58D	5	28	-65	+.D6	+6	+3
D2-22-62 1357743 3788DD3 5-71					37		15,997	3.53	564						
1431552 POEHLS RUDY SAM.....		2	11	1-35	13	1.8	15,646	3.59	561	14	24	+236	.DD	+8	+13
D9-09-62 1364198 48279D7 5-71					10		14,724	3.61	531						
1431555 RINGO SEGIS DE KOL.....*		6	7	3-41,46,	17	3.5	13,649	3.86	527	14	41	-276	+.1D	+4	-4
1D-26-61 1258673 5DD5448 5-71				74	11		14,368	3.61	519						
1431557 CHAMPLAINSIDE IVANHOE ELF.....*		6	3D	1-13	80	2.5	17,1D9	3.43	587	8	51	+714	-.12	+8	+25
12-D8-61 118987D 44291D8 5-71					40		15,9DD	3.64	578						
1431578 STANVER AOMIRAL RO8INHOOD.....*		2	10	2-16,21	12	1.8	14,411	3.84	554	25	24	-235	+.D1	-7	-12
1D-21-62 1214152 4529898 5-71					43		15,566	3.84	597						
1431612 COMMONWEALTH CSH INKY FO8ES...*		7	3	1-61	17	1.3	14,518	3.87	562	6	41	+114	+.D6	+13	+14
D8-23-62 12D7281 4D99569 5-71					22		14,275	3.75	535						
1431619 CHAROELL RAIN8OW SKYLINER.....*		12	2	4-31,34,	15	2.D	14,123	3.50	494	17	47	+274	-.D3	+5	+11
D6-12-62 1244845 4D18918 5-71				58,61	13		13,497	3.56	481						
1431678 HARMONY CREST IVAN CONNIE.....*	33-D3	4	8	2-51,56	14	2.2	14,854	3.85	572	17	32	+1D4	+.D2	+6	+8
D7-23-62 1189870 4159125 5-71					24		14,593	3.83	559						
1431711 WESTSIDE VICTOR TITLEHOLDER...*		5	16	2-16,21	23	2.0	15,025	3.49	525	9	32	-37	-.01	-3	-3
D8-16-62 1213164 3936134 5-71					27		15,278	3.55	543						
1431712 CROCKER MASTER KEY.....	23-09	1D6	2	2-23,5D	147	2.1	13,896	3.83	532	13	9D	-101	+.D8	+7	+3
D9-21-62 11217D6 3512964 5-71					21		14,D18	3.76	527						
1431713 CROCKER MAGIC KNIGHT.....*		2	14	1-31	16	2.3	14,011	3.29	461	13	27	+79	-.03	-1	+1
D6-D4-62 1138451 3667502 5-71					28		13,689	3.4D	465						
143172D WEAVERS SOVEREIGN PAUL.....*	61-02	198	3	11-31,33,	33D	1.7	14,968	3.51	525	19	94	+607	-.17	-3	+13
01-21-62 D10233528 010772739 5-71				35,61,74	27		14,364	3.7D	532						
1431721 VINEOALE REFLECTION CAPITAINE.*	61-D2	358	4	16-33,35,	729	2.D	14,127	3.68	52D	15	97	-86	.DO	-3	-5
03-13-62 01D26D599 01D929296 1-71				61,73,74	2D		14,247	3.70	527						
1431732 PAUL-LYN 8EAUTY OELIGHT.....		3	15	1-48	3D	2.2	16,256	3.D8	5D0	1D	39	+510	-.15	-3	+11
D5-D8-62 110221D 3190111 5-71					19		15,D44	3.4D	512						
1431748 S & W MR 8ESSIE PONTIAC.....*		13	7	5-16,21,	35	2.2	14,562	3.32	484	6	56	-42	-.15	-22	-19
10-25-62 1397752 3769698 5-71				32,33,35	12		14,717	3.58	527						
1431755 LOCHEVALE LUCKY HOPE.....*		3	24	2-31,65	28	2.3	14,522	3.45	5D1	4	3D	-201	-.D7	-17	-19
D5-3D-62 1243697 390D596 5-71					48		15,343	3.7D	567						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1431769 BRIGEEN CHIEF LADDIE.....*		8	3	3-11,12,	13	1.7	14,629	3.52	515	42	37	-151	-.01	-7	-10
D7-05-62 1397517 4170452 5-71				14	16		15,164	3.57	541						
1431770 BRIGEEN CHIEF SUPERB.....*		2	8	1-11	11	2.2	14,271	3.90	557	18	27	-267	+.04	-4	-10
1D-12-62 1397517 4558D65 5-71					22		15,424	3.78	583						
1431771 BRIGEEN ROYAL PONTIAC ECHO....*	35-D3	222	4	19-12,33,	569	1.8	14,565	3.67	535	14	96	+10	-.04	-5	-4
11-20-62 1397752 3862151 5-71				35,41,43	24		14,622	3.73	545						
1431790 TEEQUE RUSTY.....*		5	3	1-57	12	1.3	15,526	3.71	576	43	33	+89	.00	+3	+5
07-26-62 1138451 471D629 5-71					28		15,398	3.73	574						
1431791 TEEQUE MAGICIAN ARTIE.....*		7	4	3-57,58,	14	1.2	14,771	3.54	523	60	34	-177	-.03	-11	-14
11-11-62 1138451 4219882 5-71				65	21		15,448	3.64	563						
1431831 MUELLER RETURN PROFESSOR.....*		1	14	1-41	14	2.7	13,843	3.63	503	14	25	+253	.00	+9	+14
11-19-61 1197956 4781D38 5-71					12		12,698	3.63	461						
1431838 ALDERHURST LUCIFER FOREMOST...		1	16	1-32	16	1.4	15,011	3.90	586	29	22	+303	+.02	+14	+19
08-07-62 13D4D48 4716691 9-70					9		13,593	3.84	522						
1431863 PABST AOMIRATION BELMONT.....*		2	1D	2-35,63	12	2.9	12,521	4.25	532	0	27	-426	+.13	+2	-9
07-07-62 1358647 4359023 5-71					27		14,099	3.73	526						
1431888 MEI-RUB-BILL HAWKEYE ROLAND...		1	32	1-47	32	2.4	11,815	3.57	422	3	28	-114	-.01	-6	-8
11-D4-62 1331950 4575050 5-71					36		12,030	3.67	442						
1431895 WALTSONS ADMIRAL BURKE.....		2	13	1-42	16	2.3	14,061	3.35	471	7	29	+24	-.05	-6	-4
08-15-62 1237D57 492D915 5-71					2		13,982	3.53	494						
1431901 BON-DO-LAR HAZEL MAX.....*		1	12	1-84	12	1.9	14,944	3.61	540	0	22	-149	.00	-6	-9
01-02-62 1382768 3647489 5-71					13		15,8D0	3.66	579						
1431902 BON-DO-LAR CRISTY MAX.....*		6	9	3-84,85,	30	1.4	13,940	3.62	504	19	43	-405	+.06	-7	-16
03-01-62 1382768 4125760 1-71				87	78		14,992	3.51	526						
1431921 MAPLECREST SENSATION.....*		4	14	2-33,34	31	2.1	13,208	3.56	470	30	41	-382	-.02	-16	-23
10-28-62 1267271 4762211 5-71					22		14,177	3.62	513						
1431933 DIJON EOGEWOOD OUMONT.....		1	2D	1-41	2D	2.1	13,609	3.25	442	6	26	-127	-.04	-10	-12
01-02-62 D10260782 5383304 5-71					8		14,131	3.41	482						
1431942 ORISWOOD TRIUNE REX.....*		4	5	1-54	10	1.4	15,332	3.50	536	70	26	-129	+.02	-2	-5
07-12-62 1297169 3677394 5-71					19		16,050	3.45	554						
1431943 OANNY BOY PROMOTER.....*		1	13	1-23	13	2.7	11,682	3.56	416	D	25	-176	.00	-7	-10
10-18-62 1326835 4852059 5-71					12		12,21D	3.63	443						
1431944 LE-ED ACE BABS RAVEN BURKE....*		1	12	1-31	12	2.7	12,548	3.77	473	0	25	-235	+.02	-6	-11
07-02-62 111335D 4342986 5-71					7		13,463	3.73	502						
1431977 CLOVERBROOK LEAOER DON.....		3	22	1-42	26	1.6	17,003	3.37	573	14	27	+501	-.09	+5	+17
10-21-62 1315612 4378608 1-71					29		15,251	3.67	559						
1431983 DUKE HI HOPE BLANCH.....*		6	3	1-41	13	1.8	12,619	3.56	449	22	37	-235	-.02	-11	-15
10-24-62 1250992 4151007 5-71					12		13,175	3.63	478						
1431989 SKYWAY COMBINE ESTEEM.....*	33-03	37	3	10-13,21,	63	1.3	14,299	3.45	493	27	72	-248	-.10	-22	-25
07-26-62 1368263 5107515 5-71				41,42,93	20		14,724	3.59	528						
1431992 SKYWAY COMBINE LAD.....*		7	23	3-41,42,	37	1.9	13,884	3.46	480	24	35	-47	-.05	-9	-9
09-25-62 1368263 4597344 5-71				47	8		14,028	3.62	508						
1431993 SKYWAY COMBINE ROYAL.....*		9	6	2-35,42	20	2.1	14,687	3.38	496	12	43	+154	-.10	-9	-3
10-07-62 1368263 4717635 5-71					12		14,371	3.62	520						
1432005 COOMER ROYAL MOOSEHEART KING..*		4	4	2-22,34	10	1.8	13,446	3.67	493	50	31	-297	+.04	-5	-12
11-04-62 1397752 5336524 5-71					16		14,478	3.55	514						
1432017 MANORCREST SUPREME MAJOR.....*		6	2	1-21	11	2.3	20,083	3.35	672	0	38	+1,235	-.13	+25	+53
10-12-62 1382768 4916539 5-71					29		17,116	3.61	618						
1432018 SOVEREIGN BROWNDALE JOHANNA...*		5	19	1-31	45	2.3	14,443	3.77	545	10	45	+4	-.02	-3	-2
07-25-62 010233528 010978628 5-71					19		14,488	3.86	559						
1432020 INGLIS ZEB SEARS.....	41-01	50	2	5-41,45,	70	1.9	14,302	3.61	517	17	79	+190	+.02	+9	+12
03-05-62 1085978 4918265 5-71				46,82,87	21		14,074	3.60	506						
1432036 COCHRAN IVANHOE DAWN.....*		6	22	1-21	31	2.1	13,577	4.06	551	21	33	-670	+.11	-9	-25
11-30-62 1189870 4652733 5-71					29		15,795	3.74	590						
1432046 EOGEWOOD HALL ECHO COURIER....		4	36	2-91,92	56	2.3	15,155	3.68	557	14	38	+25	+.07	+10	+9
04-21-62 1189870 5022601 5-71					38		15,217	3.50	533						
1432061 SUTER JOLIAM RIPPER.....*		2	21	1-35	23	1.7	11,876	3.72	442	**	26	-711	+.02	-23	-38
10-14-62 1211183 4472814 5-71					9		14,678	3.67	538						
1432066 BROCKEL GYPSIE BUTTER BOY.....		1	16	1-45	16	1.4	10,631	3.61	384	**	22	-141	-.01	-6	-9
07-03-62 1370133 4094837 5-71					7		10,999	3.68	405						
1432086 LUOWIG HI HOPE DANNY.....*		2	10	1-42	15	2.5	13,957	3.67	512	0	31	-166	+.04	0	-4
10-08-62 1250992 4939159 5-71					14		14,560	3.54	515						
1432095 R O K STANOOUT PONTIAC.....*		1	12	1-35	12	1.8	14,301	3.69	528	30	22	+124	-.01	+3	+6
07-09-62 1118038 2768552 5-71					25		13,718	3.78	518						
1432114 LEETESTEAD ROVER SKYLINER.....*		1	13	1-23	13	2.8	13,982	3.88	542	0	25	-81	+.03	+1	-1
10-29-62 1244845 4509714 5-71					31		14,351	3.79	544						
1432115 COLL-MOR IDEAL LEAOER LAO.....*		4	22	1-48	29	2.1	13,619	3.81	519	27	32	-88	+.02	0	-2
01-10-62 1271122 4961429 5-71					19		13,896	3.77	524						
1432139 NORVIC RAG APPLE SCOTTIE.....		1	12	1-35	12	2.7	18,777	3.55	666	8	25	+521	-.03	+15	+26
05-13-62 1386406 5002599 5-71					29		16,953	3.65	618						
1432170 MEISEGEIER BARNEY A B C.....*		2	31	1-35	33	2.3	14,682	3.68	540	3	29	-129	+.03	-1	-4
06-14-62 1331314 4292666 5-71					9		15,263	3.62	552						
1432184 CASH-MAR MAX CISCO.....*		3	24	1-32	28	2.1	14,795	3.61	534	12	29	-306	+.01	-9	-15
09-06-62 1382768 4402332 5-71					31		16,053	3.59	577						
1432186 CASH-MAR MAX BLACKIE.....*		1	15	1-52	15	2.1	13,862	3.61	500	0	24	+78	+.02	+5	+6
09-14-62 1382768 4413646 5-71					32		13,500	3.53	477						
1432187 CASH-MAR MAX GERRY.....*		15	2	5-15,31,	20	1.7	15,229	3.56	542	13	52	+250	-.01	+7	+12
09-29-62 1382768 4669546 5-71				32,55,64	17		14,835	3.58	531						
1432188 CASH-MAR MAX MASTER JERRY.....*		4	22	2-33,35	28	1.8	13,499	3.47	469	0	30	-194	-.01	-8	-12
10-11-62 1382768 4051749 5-71					17		14,184	3.53	501						
1432204 VALENTINE IRV MAJOR-TWIN.....*		3	7	1-84	13	2.3	13,093	3.75	491	0	32	-509	+.02	-16	-26
07-12-62 1237057 4352643 5-71					12		14,776	3.71	548						
1432216 HOMESTEAO FARM DIRECT ROCKET..*		6	10	3-61,63,	27	1.4	14,249	3.50	499	**	39	+182	-.02	+4	+8
10-16-62 010245456 4285421 5-71				72	20		13,762	3.54	487						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1432217 LOOESTAR GRACIOUS REWARO.....*		4	30	3-23,51,	41	2.1	16,069	3.86	620		11	33	+598	+.03	+26	+37
08-17-62 1199324 5097165 5-71				54	40		14,309	3.82	547							
1432243 REFLECTION OAK RIDGE GLADIATOR*		8	10	2-74,93	40	2.1	17,232	3.55	611		3	52	+278	-.02	+7	+13
11-02-61 010198998 011074782 5-71					47		17,004	3.58	609							
1432244 CYNWYD MISTER PRINCE.....		1	16	1-41	16	1.9	13,763	3.78	520		20	24	-58	+.01	-1	-2
11-09-62 1372608 4269398 5-71					54		14,022	3.80	533							
1432259 OATS FARM 8ENEFACTOR.....*		6	4	3-23,88,	17	1.9	16,287	3.63	591		0	43	+104	+.01	+5	+7
06-01-62 1199324 4671516 5-71				93	32		16,279	3.62	589							
1432311 JERGENS TYCOON LEANOER.....		1	36	1-41	36	2.1	15,173	3.44	522		11	28	+102	-.03	0	+3
03-12-62 1341564 3950587 5-71					8		14,899	3.55	529							
1432314 GERART SIR CRESCENT PILOT.....		1	14	1-42	14	1.2	9,755	3.87	378		15	20	-343	+.05	-6	-14
08-25-62 1379950 4762667 5-71					2		11,174	3.59	401							
1432320 MAOCAP PONTIAC SPERGER.....*		2	33	1-41	35	2.0	12,537	3.64	456		3	28	-34	-.01	-3	-3
09-03-61 1261140 4272538 5-71					9		12,521	3.74	468							
1432334 80N-OA LASH8ROOK OESIGN.....*		1	23	1-41	23	2.1	13,394	3.67	492		**	26	-63	+.04	+3	+1
12-18-61 1298378 3943602 5-71					12		13,608	3.51	478							
1432347 JEO-ACRES SOVEREIGN POSCH.....*		2	18	1-21	20	2.5	16,832	3.49	587		0	28	+60	-.02	0	+2
07-20-62 1213698 4322418 5-71					11		16,913	3.53	597							
1432351 HAWKHERST MARQUIS REFLECTOR...*		16	23	5-35,82,	85	2.0	15,269	3.45	527		9	56	+198	-.02	+4	+8
02-27-61 1459996 010931444 5-71				84,85,87	59		15,024	3.47	522							
1432383 SPARKO PONTIAC LEAOER.....		3	16	3-32,33,	20	1.7	11,597	3.64	422		11	27	+35	+.01	+2	+3
09-22-62 1150470 4732034 1-71				43	20		11,191	3.61	404							
1432384 SPARKO PEARL LEADER.....*		1	10	1-34	10	1.5	15,268	3.63	554		**	20	+89	+.01	+4	+6
12-08-62 1150470 4192289 1-71					12		14,923	3.61	538							
1432385 SPARKO ROYAL RO8URKE.....*		6	11	4-21,32,	21	1.9	17,308	3.50	605		13	35	+417	-.06	+6	+16
10-01-62 1397752 4887789 5-71				33,74	13		16,338	3.65	596							
1432409 LONDON DUNFLO LAO OR8IT.....*		1	14	1-31	14	1.9	13,566	3.30	448		7	24	-228	-.01	-9	-13
10-17-62 1216992 4569848 5-71					58		14,608	3.36	491							
1432424 OORO RAVEN TWISTER.....*		2	20	1-93	22	1.6	16,286	3.67	597		0	25	+169	-.02	+3	+7
07-27-62 1113350 3764739 5-71					37		15,808	3.75	593							
1432443 ELMER 8ROOK ROYAL INKA.....		1	22	1-35	22	1.6	11,974	3.58	429		7	24	-258	+.02	-7	-13
09-05-62 1349678 4227819 5-71					8		12,948	3.53	457							
1432446 STEWART OOU8LE IVANHOE.....		3	26	1-41	33	2.2	18,051	3.51	634		21	32	+251	-.06	+1	+7
12-07-61 1287090 4722846 5-71					8		17,632	3.65	644							
1432457 VER-LOU GOLOEN CONSTELLATION..*	33-03	8	14	1-32	33	1.8	17,419	3.67	640		18	40	+622	+.02	+26	+38
07-28-62 1215448 4107050 5-71					14		16,069	3.63	583							
1432463 COCHRAN GENERAL 8ILL.....*		2	19	1-21	32	2.1	15,022	3.81	573		13	36	+52	+.07	+11	+10
10-31-62 1215402 3850895 5-71					25		14,982	3.66	548							
1432499 BREEZY GLEN IVANHOE OOC.....*		8	6	3-22,23,	24	2.5	13,792	3.97	547		10	49	-56	+.12	+15	+11
09-14-62 1189870 3751836 5-71				55	26		13,905	3.73	518							
1432503 KELTNERS PRINCE PERFECTION....		1	28	1-48	28	2.3	14,434	3.74	540		19	27	+85	+.02	+6	+7
06-19-62 1367055 5150038 5-71					23		14,141	3.68	520							
1432528 HOMERVILLE FONO HOPE WINNER...*		1	23	1-31	23	3.1	13,235	3.39	449		12	28	+8	-.03	-4	-3
07-25-61 1253769 3911791 5-71					16		13,125	3.51	461							
1432539 ZELOENRUST MAX.....		9	18	1-34	33	1.8	14,569	3.49	509		21	37	-228	-.02	-11	-15
10-24-62 1382768 4371258 5-71					22		15,324	3.57	547							
1432549 FLYNN FIELO FEJA R GAIL.....		1	14	1-47	14	2.6	11,564	3.67	424		10	25	-407	+.02	-12	-21
08-06-61 1350157 5039868 5-71					2		13,129	3.60	472							
1432568 VIGO EXQUISITE.....*		2	12	2-35,42	14	2.3	15,909	3.80	605		29	26	+62	+.01	+3	+4
06-11-62 1378594 3777356 5-71					19		15,862	3.81	605							
1432575 ROAMER SEQUOIA JO STAR ROAMEO.*		4	4	2-31,32	10	1.2	13,480	3.89	524		33	28	-170	+.10	+8	+2
09-11-62 1274923 4165185 5-71					14		14,111	3.51	496							
1432656 TRINTER TIOY PICA ELEVATION...*		2	13	2-31,58	16	2.4	15,562	3.53	550		13	29	+145	+.01	+6	+9
11-26-62 1271810 4471863 5-71					29		15,188	3.50	531							
1432709 S & W PA8ST AOMIRATION MOO MAN*		3	7	1-32	10	1.7	11,816	3.31	391		22	25	-70	-.03	-7	-8
08-05-62 1380053 3536733 5-71					24		11,901	3.49	415							
1432728 ANTIGUA SENATOR MICHAEL.....*		2	20	2-35,42	22	2.6	13,812	3.69	509		0	29	+381	-.02	+11	+19
10-29-62 1214152 4983265 5-71					18		12,322	3.78	466							
1432732 ROCK 8ROOK IOEAL OUKE.....		1	11	1-42	11	1.7	12,326	3.54	436		0	21	+34	-.01	0	+1
12-12-62 1293580 4315590 5-71					39		11,966	3.56	426							
1432733 FLEETRIOGE MONITOR.....*	35-75	12	13	5-16,21,	65	2.3	17,260	3.62	624		5	60	+1,141	.00	+41	+64
01-01-62 1189870 4511936 5-71				35,41,65	32		15,512	3.62	561							
1432737 ELM RIOGE CELE8RITY COMET.....*		1	22	1-35	22	1.8	12,965	3.79	492		0	25	-397	+.06	-6	-15
07-02-62 1395838 4373956 5-71					7		14,641	3.57	522							
1432742 ELM RIOGE HIGH80Y COMMANOER...*		2	24	1-35	26	1.9	14,902	4.18	623		16	27	+173	+.05	+14	+16
06-09-62 1313972 4373955 5-71					22		14,306	4.05	579							
1432745 HOLMESTEAO SIR AOMIRAL TOPPER.*		2	13	2-33,74	17	2.2	14,481	3.61	523		25	28	+201	.00	+7	+11
11-02-62 1237057 3692280 5-71					38		13,744	3.62	497							
1432746 WALHOWOON IVANHOE TELSTAR.....*		2	29	2-12,13	31	2.3	15,455	3.78	584		0	29	-38	+.05	+6	+4
07-19-62 1189870 4453522 5-71					32		15,772	3.62	571							
1432759 UNIFORUM SNOWFLAKE WELCOME....*		4	4	2-82,87	11	2.3	14,997	3.59	538		0	33	+311	+.02	+14	+20
07-05-62 1144239 4034723 5-71					10		14,056	3.52	495							
1432766 SHANGHIGH HI-80Y GENERAL.....*		2	9	1-31	11	1.5	11,014	3.62	399		33	22	-497	+.01	-16	-26
03-15-62 1292681 4726666 5-71					13		13,157	3.59	472							
1432774 MAPOVAL SWEET CROSS.....*		14	12	2-23,51	35	2.4	14,222	3.91	556		6	47	-275	+.10	+4	-4
09-27-62 1378594 3922102 5-71					30		14,901	3.70	552							
1432781 MACHOLO 8UTTER 80Y PA8ST.....*		2	8	1-21	16	2.0	13,751	3.76	517		31	33	-572	+.04	-15	-27
10-30-62 1368984 4607721 5-71					27		15,643	3.66	572							
1432797 CHESTERTON OUKE MISTRICH.....*		2	13	1-31	15	1.9	13,504	3.70	499		7	25	-466	+.01	-15	-25
12-01-62 1332344 4779745 5-71					11		15,500	3.67	569							
1432805 SYCAMORE VIEW CRES JO BO.....*		5	9	1-33	20	1.0	15,137	3.40	515		0	31	+82	-.02	0	+2
07-08-62 1174329 4680342 5-71					73		14,978	3.48	521							
1432807 JASPER LOOESTAR RAG APPLE.....*	91-11	35	7	4-33,35,	69	1.9	12,642	3.50	443		13	70	-469	-.07	-27	-35
10-25-61 1243697 010754372 5-71				41,42	15		13,245	3.63	481							

REGISTRATION NUMBER / NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1432809 HALOLA CRESTON OONALO.....		2	13	1-74	25	2.7	16,792	3.61	607	20	38	+256	-.01	+8	+13
10-24-61 1227684 4125266 5-71					74		16,360	3.64	595						
1432816 HANSONDALE COUNT.....*		4	5	3-34,35,	10	1.7	13,259	3.60	477	20	28	-242	.00	-9	-14
07-10-62 1265166 4067147 1-71				52	12		14,165	3.64	516						
1432844 WISOF KING GATES.....*		7	15	1-35	30	1.7	16,699	3.75	627	4	37	+629	-.05	+15	+29
09-22-62 1234490 3789221 5-71					25		15,116	3.94	595						
1432862 SCOTSMAN ORMSBY ROCK.....*		5	7	2-43,47	16	1.3	15,901	3.63	578	14	31	+335	-.02	+9	+16
01-09-62 1254910 4425758 9-70					40		14,932	3.71	554						
1432881 RETLAW IDEAL ELAINE ROMAN.....*		5	15	2-41,42	27	1.9	12,877	3.50	451	0	35	+8	-.01	-1	-1
11-09-61 1342677 4927072 5-71					10		12,732	3.55	452						
1432888 BLACKMOUNT IVANHOE MARKSMAN...		3	24	1-12	33	1.7	13,905	4.03	560	30	31	-116	+.04	+1	-2
07-12-62 1189870 4716663 5-71					21		14,322	3.92	562						
1432895 CHESTLAWN DRUMMER LAD.....*		5	3	1-23	10	1.6	12,680	3.74	474	22	31	-203	+.05	-1	-6
09-25-62 1326835 4784850 5-71					11		13,283	3.60	478						
1432911 MACS HAPPY ACRES IVANHOE SAM..*		3	16	2-12,14	23	1.5	13,081	3.58	468	20	29	+116	.00	+4	+6
07-02-62 1189870 4881359 5-71					32		12,541	3.59	450						
1432942 ELLINGDALE SKOKIE DESIGN.....		1	17	1-35	17	1.9	13,439	3.91	526	38	24	-347	+.04	-7	-15
04-03-62 1298378 4114241 1-71					5		15,001	3.76	564						
1432959 MANCRYCO PROSPECT.....		1	17	1-42	17	1.6	13,375	3.64	487	43	23	-25	+.01	0	-1
06-02-62 1371548 4975666 5-71					8		13,440	3.66	492						
1432960 MANCRYCO LADDIE.....		1	33	1-42	33	1.9	15,365	3.57	549	6	27	+233	-.02	+5	+10
10-22-62 1371548 4736612 5-71					14		14,548	3.66	533						
1432982 MUELLER PILOT MARBLE-TWIN.....		2	15	1-41	17	2.3	14,949	3.87	579	12	27	+85	+.04	+8	+9
04-09-62 1175596 3719514 5-71					10		14,708	3.78	556						
1433013 DE KOL GRAY VIEW PABST.....*		3	5	1-35	10	1.7	12,925	3.50	453	17	27	-45	-.04	-7	-7
09-12-61 1298815 4595344 9-70					10		13,002	3.69	480						
1433021 FROGMORE PONTIAC FONO HOPE....*		6	7	1-21	18	1.6	13,905	3.25	452	24	36	-385	-.06	-22	-28
11-26-62 010260599 5367095 5-71					29		15,101	3.43	518						
1433030 BRUNNERS CHAMPION BURKE.....*		3	32	1-35	36	2.0	15,289	3.45	527	9	29	+259	-.06	+1	+8
08-23-62 1286826 3841629 5-71					23		14,452	3.63	525						
1433031 ECKELDALE GENERAL PLEDGE.....*		3	4	1-21	10	1.6	15,737	3.73	587	11	28	+133	-.01	+3	+6
10-15-62 1215402 2892677 9-70					36		15,405	3.80	585						
1433037 KENHOF ARIST ROBURKE REJOICE..*		2	11	2-33,64	13	1.5	13,411	3.72	499	**	23	-147	+.01	-4	-7
08-07-62 1398049 3959619 5-71					12		14,057	3.72	523						
1433045 JAP REFLECTOR CHARLEY.....*		2	6	1-13	12	1.5	13,686	3.89	532	20	28	-354	+.06	-5	-13
05-26-62 1406923 4270282 5-71					12		15,056	3.70	557						
1433072 CARNATION IDEAL SUPERMAN.....*	33-03	137	2	28-23,33,	198	1.9	13,953	3.53	493	14	91	-98	-.09	-16	-16
11-04-62 1175596 3339580 5-71				34,35,42	18		14,075	3.64	513						
1433074 CARNATION IDEAL PAULUS.....*		3	8	1-87	13	1.9	12,534	3.60	451	46	28	-409	+.01	-13	-21
12-09-62 1175596 4434218 5-71					23		14,021	3.57	501						
1433103 OELI PABST LADDIE RULER.....		3	19	2-33,73	23	2.4	13,133	3.59	472	0	30	+117	+.01	+6	+8
11-22-62 1290776 4569390 5-71					21		12,611	3.55	448						
1433121 SONOMA RAG APPLE REBEL.....*		1	10	1-63	10	2.1	11,312	3.36	380	11	22	-183	-.02	-9	-12
11-23-62 1322069 4796332 5-71					9		11,960	3.51	420						
1433178 CARLKIN CAPTAIN ROBURKE BOLO E*		2	7	1-52	12	1.5	11,270	3.71	418	**	28	-543	+.02	-17	-28
09-20-62 1171797 4880487 5-71					11		13,156	3.64	479						
1433184 AIRY DOWNS DIRECT SEGIS PIETJE*		3	9	1-23	12	3.1	14,877	3.68	548	0	29	+422	-.05	+8	+18
02-02-62 1271019 3307289 5-71					23		13,374	3.91	523						
1433188 ANAMOSA S C D LEADER.....*	35-21	17	3	4-35,41,	26	1.7	13,647	3.60	491	19	56	-265	.00	-10	-15
09-15-62 1070036 3762660 5-71				42,47	22		14,140	3.61	511						
1433205 BLACK OAK IVANHOE JOHN-TWIN...		1	23	1-41	23	2.1	11,866	3.55	421	14	26	-209	-.01	-9	-13
02-20-62 1189870 4959671 5-71					6		12,545	3.64	457						
1433215 DUNWANDERIN WIS CRUSADER.....*		4	10	1-63	15	2.2	12,305	3.55	437	0	30	-75	.00	-3	-4
09-04-62 1179373 4825977 5-71					13		12,405	3.59	445						
1433225 STAROELL PROGRESSOR.....		9	7	1-42	22	1.8	13,777	3.62	499	19	42	-116	-.01	-5	-7
10-10-62 1237057 5014926 5-71					9		14,073	3.66	515						
1433249 MAPLEACRES PRIDE SIR DELLA....*		2	12	1-32	15	1.3	14,205	4.01	570	17	24	-467	+.07	-7	-18
09-07-62 1388212 3750429 5-71					5		16,364	3.76	615						
1433254 LEVEL LAWN DYNJO.....		4	24	1-35	41	1.9	15,849	3.53	560	8	37	+211	-.05	+1	+6
04-09-62 1244845 4819803 5-71					5		15,425	3.65	563						
1433258 SMITHDALE CHIP IVANHOE LUCIFER*		2	19	1-23	23	2.5	14,612	3.96	578	13	30	-4	+.04	+6	+5
11-18-62 1189870 4024442 5-71					16		14,705	3.82	562						
1433269 FO-MA-TO-SA PROUD FALCON.....*	35-21	5	26	4-35,41,	33	1.9	16,890	3.61	610	6	31	+358	-.05	+6	+14
09-25-62 1237057 4425781 5-71				48,74	15		15,937	3.76	599						
1433270 ECKELDALE GENERAL SEARS.....*		1	15	1-21	15	3.2	15,872	3.94	626	14	27	+81	+.07	+13	+13
10-11-62 1215402 4884815 5-71					33		15,746	3.72	585						
1433287 ABBODALE DUKE MOONSTONE JOHN..*		1	14	1-21	14	2.7	13,056	3.72	486	18	25	-215	+.01	-6	-11
08-20-62 1373359 3622111 5-71					17		13,912	3.69	513						
1433288 NACHES TALENT SCOUT.....*		3	39	1-48	43	1.8	15,964	3.68	587	22	29	+26	-.01	0	+1
10-19-62 1359798 3832032 5-71					16		16,089	3.72	598						
1433293 ELMOKA HOMESTEAD OSCAR.....*		1	18	1-35	18	1.8	12,323	3.65	450	0	24	+85	-.02	0	+2
12-06-62 1262987 5205977 5-71					7		11,752	3.79	445						
1433304 NOROG ELVIRA STAR.....		2	12	1-47	24	1.9	16,541	3.39	561	29	36	+199	-.05	0	+5
07-09-62 1173577 3522167 5-71					44		16,221	3.49	566						
1433340 JA-SAL BLACK LEADER.....*		5	32	3-46,48,	39	2.2	18,567	3.58	664	15	32	+446	+.01	+17	+26
10-04-62 1313490 4263606 5-71				73	37		17,531	3.55	623						
1433353 DINGLEY DELL R A SKYLINER.....*		3	12	1-41	16	2.4	13,634	3.98	542	6	29	+59	+.07	+12	+11
12-16-62 1244845 4716291 5-71					11		13,375	3.75	502						
1433361 THONYMA ORMSBY LEADER PILOT...*		4	13	2-47,48	20	2.3	16,663	3.53	588	14	32	+2	-.02	-3	-2
01-09-62 1196645 4410789 5-71					17		16,957	3.60	611						
1433365 SAWYER CHANCELLOR POLKADOT....		1	10	1-21	10	2.1	13,106	3.43	449	0	22	-356	+.01	-11	-18
07-31-62 1324003 4197905 9-70					18		14,835	3.39	503						
1433368 HEFFERING IVANHOE PATHFINDER..*		42	3	13-11,14,	74	1.5	14,833	3.61	536	23	76	-521	-.05	-25	-34
12-13-62 1189870 4212666 5-71				15,16,21	24		15,694	3.68	578						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	%	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1433413 BEASLEYS ADMIRAL FOBES.....		1	13	1-63	13	1.7	14,912	3.23	482		25	22	-82	-.04	-8	-9
11-24-62 1210078 4892174 5-71					28		15,431	3.38	522							
1433435 BO-GIN HI HOPE DUKE.....		2	28	1-54	30	1.9	13,447	3.50	471		23	28	-268	-.03	-14	-19
02-04-62 1250992 4308990 5-71					33		14,477	3.65	528							
1433447 IOAHO BURKGOV TWENTYONE.....	61-02	65	2	6-35,41,	97	1.6	14,670	3.70	543		12	83	+277	+.11	+25	+28
12-06-61 1223243 3999292 5-71				45,82,87	20		14,380	3.57	514							
1433459 GENSKOW SKOKIE OESIGN.....*		4	23	1-33	35	2.4	14,226	3.32	472		3	36	+147	-.07	-4	0
12-01-61 1298378 4022076 5-71					12		13,801	3.51	485							
1433496 JONESVALE C T AUDACIOUS.....*		2	11	1-21	13	3.2	16,481	3.70	610		0	28	-22	+.03	+4	+3
10-09-62 1237747 3709662 1-71					33		16,855	3.60	607							
1433525 LODESTAR GOLDEN NUGGET.....*		2	37	1-22	43	2.1	13,364	3.62	484		19	30	0	-.04	-6	-5
07-15-62 1269391 3495380 5-71					18		13,301	3.81	507							
1433530 WILBURHOLM BESS ORMSBY DEAN...*		2	12	1-21	17	2.7	14,183	3.38	480		0	31	-10	-.03	-5	-4
02-14-62 1379479 2918300 5-71					46		14,249	3.49	498							
1433533 RO-BAR GOOD GOVERNOR DALE.....*		1	13	1-42	13	2.1	13,675	3.44	471		8	24	-151	.00	-6	-9
12-20-62 1380927 4953248 5-71					12		14,362	3.49	501							
1433538 ADMIRAL LADY CHET.....		1	32	1-48	32	2.5	13,554	3.69	500		17	28	+116	-.02	+2	+5
06-30-61 1214152 4333419 5-71					7		13,054	3.75	490							
1433539 ZIMMERMAN ROYAL STAR DEAN LAD.*	23-01	17	12	6-21,22,	75	1.5	15,444	3.80	587		20	62	-36	-.09	-14	-13
09-23-61 1009372 4426317 5-71				23,33,52	16		15,678	3.98	624							
1433567 MIL-KEY COMET SOVEREIGN.....*	91-11	3	13	2-41,91	17	2.7	18,066	3.59	648		0	30	+514	+.01	+20	+30
07-13-62 010273507 5267535 5-71					24		16,621	3.54	589							
1433598 HARTSBROOK CRUSADER IVANHOE...*		3	13	2-13,14	17	2.0	11,714	3.51	411		0	28	-518	+.02	-16	-27
11-05-62 1189870 4834142 5-71					18		13,519	3.47	469							
1433672 STALLINGS SKYBOY.....	41-01	44	1	3-41,46,	53	2.1	14,319	3.45	494		9	77	-195	-.08	-18	-20
05-11-62 1244845 3512946 5-71				87	16		14,645	3.55	520							
1433673 WATAVIEW F B KARL.....		5	13	1-81	28	1.9	15,063	3.90	588		9	38	-540	+.13	-2	-16
12-09-62 1337741 4723998 5-71					17		16,769	3.61	605							
1433675 BLUEGILL PONTIAC SUPREME.....*	91-11	3	20	1-21	25	1.8	16,115	3.74	602		17	29	+537	+.04	+25	+35
12-14-62 010260599 5499317 5-71					8		14,276	3.61	516							
1433684 ROCKING R FONO TOPPER.....*		2	8	1-14	10	1.5	11,159	3.82	426		50	22	-434	+.01	-14	-23
05-01-62 1250992 4651689 5-71					25		13,097	3.77	494							
1433722 ROMEY COLANTHA PILOT.....	35-21	21	2	2-35,52	28	1.3	14,669	3.74	548		12	58	+120	+.03	+9	+11
01-14-62 1175596 3719956 5-71					15		14,521	3.69	536							
1433764 WESTEDGE PABST LARRY.....		1	11	1-41	11	1.0	12,359	3.34	413		27	18	-356	+.01	-12	-19
11-09-61 1320622 4937554 9-70					6		14,360	3.38	485							
1433767 ASH GROVE ANN CITATION R.....*		5	5	2-41,46	12	1.5	13,975	3.53	493		11	31	-278	-.01	-12	-17
09-26-62 1492073 4669299 5-71					21		14,974	3.59	538							
1433778 NICOLK BOLD RAVEN LEADER.....*		5	3	1-21	11	1.8	15,542	3.51	546		10	33	-213	-.04	-13	-16
07-30-62 1282936 4981425 5-71					33		16,430	3.63	597							
1433779 NICOLK BOLO RAVEN ROYAL.....*		4	13	1-21	20	2.1	16,459	3.52	579		37	31	+268	.00	+9	+14
10-07-62 1282936 4924143 5-71					36		15,790	3.53	557							
1433782 KARANA REFLECTION MARQUIS.....*		3	17	1-93	21	2.1	16,564	3.73	618		**	29	+114	+.04	+10	+11
08-03-62 1321903 4559425 5-71					39		16,421	3.61	592							
1433785 BIROLAWN TOGUS REMER.....	35-75	29	1	14-33,35,	32	1.8	15,476	3.71	574		20	65	+581	+.08	+32	+42
07-24-62 1181029 4435643 5-71				55,91,93	37		14,660	3.59	527							
1433819 CLARKSDALE DUNLOGGIN ANDY.....		2	42	1-31	49	1.8	16,102	3.38	545		24	30	-31	-.04	-6	-6
11-12-62 1373868 4592909 5-71					21		16,461	3.49	575							
1433843 LOUDEN HILL IVANHOE.....*		6	8	3-21,23,	20	1.6	12,400	3.65	452		28	37	-330	+.01	-10	-17
05-04-61 1189870 4860645 5-71				31	93		13,231	3.63	480							
1433850 BREEDLOVES PRIMROSE POLANO....		1	17	1-57	17	1.5	13,219	4.02	532		0	22	-252	+.07	+1	-6
04-27-62 1230614 3522447 5-71					25		14,406	3.67	529							
1433851 FAIRFIELD SKYLINER FOBES.....		2	12	1-55	14	1.1	15,769	3.39	534		31	21	+151	-.07	-4	+1
07-16-62 1244845 4117553 9-70					7		15,183	3.71	563							
1433855 WARLU SABINA DEANIE DAVE.....*		2	17	1-11	19	2.8	14,116	3.70	522		0	29	+344	.00	+12	+19
01-27-62 1211384 4676938 5-71					34		12,808	3.73	478							
1433861 FRA ILEX WINTERTHUR.....*		1	40	1-21	40	2.4	13,371	3.49	466		8	29	-234	-.01	-10	-14
07-25-62 1213164 3335397 5-71					43		14,221	3.54	503							
1433885 WOODBINE IVANHOE DANDY.....	23-13	10	4	2-50,51	19	1.8	15,292	3.71	568		7	45	+357	+.02	+16	+23
08-03-62 1189870 4591067 5-71					27		14,558	3.67	535							
1433906 KNOLLWOOD FONO RAG APPLE.....*		4	15	1-23	22	2.7	15,292	3.79	580		9	34	-154	+.09	+7	+2
07-15-62 1243697 4032197 5-71					18		15,953	3.55	566							
1433911 THONYMA DIPLOMAT.....*		3	8	2-43,48	11	3.3	13,433	3.66	491		11	30	-184	+.03	-2	-6
05-10-62 1196645 4650614 5-71					52		14,071	3.57	502							
1433914 THONYMA STYLEMASTER A.....		1	21	1-43	21	2.3	16,191	3.61	584		11	26	+406	-.03	+11	+20
09-02-62 1355784 4951249 5-71					28		14,701	3.71	545							
1433929 FOODER-RIDGE SKYLINER.....*		7	3	1-21	14	1.9	16,665	3.68	614		40	39	+569	+.01	+22	+33
12-13-62 1244845 4287066 5-71					16		15,334	3.67	563							
1433937 STEVOLYN PRINCE OSCAR.....*	63-03	10	2	2-63,65	18	1.7	12,667	3.65	462		24	48	-85	.00	-3	-5
07-15-62 1121706 3883825 1-71					15		12,725	3.66	466							
1433962 STEVEHOLM FOREMOST ANDY.....*		3	5	1-11	13	1.9	14,254	3.48	496		0	33	-67	+.01	-1	-3
10-22-62 1373710 3367306 5-71					12		14,516	3.46	502							
1433982 BUD RANCH ALDEAN RAG APPLE....	35-75	22	1	5-31,35,	26	1.9	15,652	3.65	571		25	61	+94	+.01	+5	+7
12-06-62 956081 4174187 5-71				55,91,93	73		15,669	3.63	569							
1434032 ECHO PIDON HOLLY MARS.....		2	18	1-41	20	2.3	13,812	4.00	553		32	27	-160	+.09	+6	+1
08-20-62 1198696 5041521 5-71					8		14,460	3.69	533							
1434047 ARWYN CAPTAIN HARMONY.....*		4	4	1-61	11	1.7	15,814	3.64	576		10	33	+99	+.02	+7	+8
09-04-62 1382467 3860664 5-71					11		15,687	3.56	559							
1434061 LEA INN MASTER DEAN DICK.....		1	15	1-42	15	2.3	11,711	3.56	417		14	24	-56	-.04	-7	-7
08-15-62 1403573 4C82654 5-71					12		11,726	3.79	444							
1434066 LEA INN BUTTER BOY.....*		3	18	2-42,46	22	2.4	11,758	3.55	417		8	30	-34	-.01	-2	-3
06-15-62 1373030 4515733 5-71					10		11,648	3.59	418							
1434068 LEA INN REGAL JO ACE.....*		9	1	2-42,47	10	1.6	12,710	3.71	471		22	37	-282	+.04	-5	-11
12-09-62 1401552 4731220 5-71					10		13,431	3.63	487							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST FAT INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1434088 BRIARKILL ADMIRAL MODEL-TWIN..*		4	12	3-16,23,	17	1.1	13,155	3.48	458	7	26	-142	.00	-5	-8
09-02-62 1247704 3849257 5-71				58	31		13,690	3.50	479						
1434091 SPRING VILA EXEC AJAX.....*		1	12	1-31	12	2.4	14,790	3.68	545	0	23	+56	+.03	+6	+6
07-02-62 1233302 3806423 5-71					7		14,615	3.55	519						
1434100 FAIR HILL IVAN MARC.....*	23-09	12	19	4-23,50,	39	1.7	13,808	3.78	522	21	39	-81	+.01	-1	-3
10-23-62 1189870 3319994 5-71				51,52	49		14,029	3.78	530						
1434113 DEVINE COUNT MODEL.....*		1	15	1-14	15	1.9	14,409	3.84	554	27	23	-219	+.02	-5	-10
07-25-62 1265166 3200630 5-71					39		15,512	3.79	588						
1434137 TWIN GROVE PAL O-WAR.....*		3	8	2-35,51	13	2.8	14,496	3.57	518	0	31	+287	-.02	+7	+13
08-24-62 1197955 4225259 5-71					25		13,536	3.66	496						
1434139 GREEN VALE PRIDE ADMIRAL.....*		4	8	2-34,35	20	1.9	15,091	3.53	533	21	38	-257	-.04	-15	-19
04-24-62 1237057 4151367 5-71					27		15,967	3.65	582						
1434146 RICH-WAL CONFIDENT.....*		5	8	3-12,16,	19	2.7	14,470	3.90	565	13	39	+27	+.09	+13	+11
07-13-61 1189870 4880648 5-71				54	19		14,451	3.70	534						
1434166 MONTLAND MAGICIAN SPARKY.....		1	14	1-34	14	2.4	17,308	3.92	679	10	25	+373	+.09	+26	+31
08-17-62 1138451 4877936 5-71					13		15,996	3.62	579						
1434186 TRUNLAN FOBES BURKE MAGNUS....*		3	19	1-21	24	2.4	17,178	3.78	650	14	31	-10	+.09	+12	+10
12-25-62 1171452 4126573 5-71					44		17,577	3.55	624						
1434216 SIGSON RAG APPLE MAGICIAN.....*		8	3	1-84	13	1.9	14,100	3.43	484	0	40	-90	-.02	-6	-7
08-29-62 1138451 4880922 5-71					13		14,373	3.49	502						
1434217 M V 8 A SKYMASTER EMMA HOLLIS.	41-01	50	2	4-41,42,	56	1.9	14,378	3.42	492	17	77	+249	-.11	-7	+1
06-01-62 1261140 4892288 5-71				46,87	21		14,064	3.57	502						
1434239 HAYSSEN SHAMROCK INTRIGER.....*		1	14	1-35	14	2.4	14,743	3.55	524	14	25	-83	-.01	-4	-5
01-07-63 010260599 5130963 5-71					12		15,215	3.62	551						
1434241 WILCURT TEMPLAR.....		1	18	1-52	18	2.1	13,229	3.86	510	8	25	+17	+.02	+3	+3
10-21-61 1189870 4651289 5-71					13		13,073	3.79	496						
1434242 LAVACRES SOVEREIGN PAGAN.....		1	15	1-93	15	1.5	16,552	3.55	588	13	22	+28	.00	+1	+2
08-16-62 1382958 4080989 5-71					38		16,702	3.54	591						
1434264 PENNINGS RAG APPLE SUPREME....		1	21	1-23	21	2.5	15,372	3.53	543	11	26	+66	-.01	+1	+3
11-06-61 1322069 4510203 5-71					8		15,251	3.57	545						
1434278 DIAMOND J DUSTY JO DICTATOR...*		1	13	1-41	13	1.9	13,462	3.27	440	46	22	-91	-.02	-6	-7
07-19-62 1205185 5132838 5-71					5		13,865	3.38	468						
1434289 HOMESTEAD FARM SHAMROCK 8ICKS.*		5	15	2-22,23	22	2.1	14,517	3.46	503	18	31	-271	-.05	-17	-21
11-15-62 1372023 4457962 5-71					13		15,545	3.65	567						
1434300 GENEGIANT CONFIOENT TRIGGER...	35-75	11	2	6-21,32,	14	2.4	15,423	3.62	558	8	47	-228	+.02	-5	-10
10-29-62 967873 4424898 5-71				33,34,93	64		16,128	3.59	579						
1434301 GENEGIANT CONFIDENT TRAVELER..	35-75	19	1	7-23,31,	24	2.0	15,936	3.52	561	21	59	+108	-.05	-3	0
11-07-62 967873 4248222 5-71				35,91,93	52		15,953	3.60	575						
1434397 ILLIANNA SKYLINER LASS.....*		2	6	1-42	11	2.5	14,514	3.53	513	11	31	+315	-.08	0	+8
07-29-62 1244845 3898127 5-71					9		13,459	3.83	516						
1434412 DOBIHAFT MADCAP MAGISTRATE....*		2	16	1-42	18	1.8	12,834	3.58	460	19	25	-63	.00	-2	-3
12-09-62 1249795 3844539 5-71					16		12,990	3.61	469						
1434418 CRESCENT BEAUTY VICKERY-TWIN..		5	8	4-35,43,	22	1.7	14,799	3.46	512	16	39	+158	-.07	-4	+1
08-10-62 1353687 4094839 5-71				63,74	16		14,447	3.64	526						
1434439 MOWRY SKYLINER OAN.....*		2	9	1-23	11	2.1	13,894	3.58	497	0	25	+13	.00	0	0
11-01-62 1244845 4226275 5-71					22		13,831	3.64	503						
1434444 CASH-MAR MAX ORLEAN.....*		4	3	1-43	10	1.4	13,940	3.26	455	11	30	+241	-.04	+3	+9
10-26-62 1382768 4975980 5-71					12		13,049	3.36	438						
1434445 CASH-MAR MAX IONA.....*		4	10	2-63,65	20	1.4	14,553	3.55	517	17	33	-28	-.04	-6	-6
11-24-62 1382768 4402344 5-71					14		14,719	3.68	541						
1434453 CASH-MAR ALERT CORA.....		1	18	1-32	18	1.2	13,541	3.61	489	**	21	-349	.00	-13	-20
12-02-62 1361920 3845646 5-71					6		15,321	3.67	562						
1434454 CASH-MAR MODEST DORA-TWIN.....*		5	3	2-32,64	10	1.6	15,259	3.19	487	**	31	+504	-.11	+2	+15
11-22-62 1333523 5122277 5-71					20		13,586	3.52	478						
1434460 ROBINWAY DUKE.....*		4	13	2-35,52	18	1.9	16,940	3.40	576	11	29	+405	-.09	+2	+12
09-21-62 1394339 4951195 5-71					22		15,742	3.67	577						
1434468 MIL-KEY ROEFLECTION SOVEREIGN.*		3	20	3-81,87,	29	1.5	14,169	3.53	500	7	30	+178	+.03	+10	+13
10-06-62 010229512 4890650 5-71				91	26		13,539	3.43	464						
1434519 SEQUOIA VELOUR PILOT.....		4	13	2-86,93	20	1.1	16,012	3.29	527	**	27	+161	-.04	0	+4
08-14-62 1342072 3627039 5-71					75		15,583	3.39	528						
1434520 SEQUOIA ROCKY ROYAL.....*		2	14	1-93	19	1.5	17,627	3.43	605	25	28	-96	-.05	-10	-11
08-11-62 1305460 3014249 5-71					124		18,427	3.58	660						
1434535 PICKITT ACRES GOLD KING.....*		6	7	3-32,34,	18	2.3	14,845	3.60	534	7	38	+124	-.03	0	+3
01-07-62 1326796 4076232 5-71				63	12		14,584	3.68	537						
1434536 HIGHLAND REBURKE DUKE.....	21-10	56	1	2-13,21	59	2.1	14,868	3.44	512	20	79	+11	-.08	-11	-9
10-25-62 1112211 4785407 5-71					25		14,956	3.54	530						
1434538 GREEN VALE SENATOR S.....*		2	11	1-34	16	2.3	14,871	3.61	537	8	30	+419	-.01	+14	+22
11-01-62 1301736 4425803 5-71					20		13,442	3.65	491						
1434543 JOE SKYMASTER LASS.....*		1	10	1-41	10	3.1	13,921	3.51	488	0	24	-145	-.01	-6	-9
09-26-62 1261140 3804307 5-71					14		14,584	3.54	517						
1434554 FLORA UNA PEARL AOMIRATION....*		4	14	3-51,52,	19	1.6	16,159	3.54	572	12	28	+519	-.01	+17	+28
09-10-62 1330681 5031038 5-71				54	14		14,374	3.58	514						
1434558 PETE WIS TRAOEMARK.....*		1	27	1-35	27	2.9	14,916	3.64	543	4	29	+218	-.01	+6	+11
08-17-62 1195221 4393017 5-71					13		14,190	3.69	524						
1434575 N O H LARRY NA8OTH.....*		1	22	1-73	22	1.4	12,899	3.54	457	38	23	-234	+.01	-7	-12
10-18-62 1296494 4344116 5-71					25		13,908	3.53	491						
1434589 FLEETRIDGE TOPPER.....*		5	12	2-16,34	19	2.0	17,977	3.82	686	6	31	+260	+.05	+17	+21
10-11-62 1301172 3982893 5-71					34		17,501	3.70	647						
1434592 SPRUCE LAWN SEVEN.....*	61-02	15	1	2-31,61	16	2.1	13,709	3.58	491	13	50	-191	+.04	-1	-6
07-29-62 1014925 2778214 5-71					17		14,109	3.51	495						
1434597 UTAG IVANHOE WALKER DON.....		2	31	1-87	33	2.2	14,706	3.47	511	15	29	-54	+.03	+2	0
03-09-62 1189870 4342636 5-71					42		15,003	3.37	506						
1434617 8SH DAN CHIEF EMP LIEGE.....*	35-21	12	2	3-41,42,	19	1.7	13,170	3.68	485	33	49	-364	+.01	-12	-19
08-03-62 1300012 4349581 5-71				47	37		13,911	3.68	512						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	%
1434642 ELMEN CRISSCROSS OLIVER.....*		5	5	4-21,33,	14	1.9	13,037	4.12	537	0	34	-484	+.15	+3	-10
11-30-62 1378594 3615974 5-71				34,35	272		14,509	3.67	532						
1434649 HIJOS-HILL SUPER IVANHOE.....*		1	11	1-23	11	1.9	15,411	3.67	565	9	21	+310	-.03	+7	+14
12-10-62 1189870 4548104 5-71					46		13,965	3.84	536						
1434659 SEQUOIA PILOT LAWN.....		1	43	1-86	43	1.8	14,939	3.39	507	8	27	+43	.00	+2	+3
06-10-62 1342072 4977319 5-71					26		14,870	3.37	501						
1434661 SAGUARO WISCRU JABIN.....		1	35	1-86	35	1.5	13,986	3.46	484	3	25	-63	+.02	0	-2
08-12-62 1014925 4605603 5-71					29		14,274	3.40	486						
1434679 SEVEN TREE TUTT ADMIRAL.....		1	10	1-11	10	2.3	14,552	3.61	525	25	22	+93	.00	+3	+5
09-12-62 1237057 4882020 5-71					25		14,146	3.62	512						
1434690 HILTON FARM MIGHTY MO.....*		1	10	1-11	10	2.9	14,342	3.72	534	0	24	-235	.00	-8	-13
09-12-62 1369031 4786656 5-71					25		15,497	3.73	578						
1434713 LANTLAND ROSAFE ROSE.....*		2	19	2-21,23	23	2.0	14,941	3.35	500	5	29	-13	-.06	-9	-8
10-18-62 010260599 4007658 5-71					16		15,108	3.57	539						
1434756 REFLECTION IVANHOE GLAMOUR BOY*	61-02	15	12	5-34,51,	36	1.3	14,220	3.61	514	16	43	+10	+.01	+2	+2
11-30-62 1392774 4006344 5-71				52,54,61	20		14,226	3.59	511						
1434767 MAVIEW MAXINE ROYALIST.....*		6	26	1-23	38	1.6	18,112	3.71	672	11	32	+422	-.01	+14	+23
12-17-62 1231830 4818638 5-71					34		17,122	3.75	642						
1434768 SENSATION HAROY FARMS PABST...*		1	14	1-34	14	1.9	13,230	3.75	496	**	23	+343	+.03	+17	+23
09-01-62 1267271 5264368 1-71					16		11,522	3.58	413						
1434788 E M C GOLD BEAU LEADER.....		1	30	1-93	30	1.4	16,214	3.74	607	**	24	-131	-.02	-8	-10
08-24-62 1277613 4429760 5-71					60		17,075	3.85	658						
1434811 KING ORMSBY GOLDEN GLENN.....		1	32	1-42	32	2.0	15,090	3.67	554	4	27	+330	+.04	+18	+24
09-30-62 1326085 3945609 5-71					5		13,864	3.51	486						
1434846 NESHAMINY IVANHOE THELMA DUKE.*		3	12	2-22,23	16	1.8	15,437	3.46	534	13	27	+295	-.08	-1	+7
04-12-62 1189870 4042374 5-71					26		14,376	3.80	547						
1434849 WELCH ACRES CHARIOTEER BEN HUR*		3	7	3-11,12,	10	2.1	14,551	3.83	557	0	26	-238	+.06	-1	-7
09-21-62 1254887 4228630 5-71				14	13		15,649	3.64	570						
1434857 HARPLAND IAGO ELMOKA JOE.....*		1	30	1-35	30	1.9	12,723	3.95	502	29	26	-123	+.05	+3	-1
11-01-61 1362598 4333406 5-71					19		13,117	3.74	491						
1434867 FRAN-LAN ROYAL PONTIAC PRINCE.*		3	10	1-21	14	1.9	12,924	3.48	450	17	27	-337	.00	-12	-19
12-07-62 1397752 4115043 5-71					18		14,198	3.49	496						
1434915 JERGENS BERRY TYCOON.....*		4	6	1-41	11	2.3	14,307	3.56	510	11	30	+302	-.03	+7	+14
11-15-62 1341564 4420814 5-71					20		13,214	3.68	486						
1434925 ELLINGSWORTH SKOKIE RULER.....*		3	8	3-32,33,	13	1.7	14,542	3.87	563	8	28	+179	+.05	+13	+15
01-21-63 1199324 4054825 5-71				61	82		13,899	3.72	517						
1434947 COOPER HILL XMAS SIGNAL.....*		7	14	2-14,16	36	1.7	13,467	3.83	516	35	42	-828	+.03	-26	-43
12-25-62 010249530 3819579 5-71					55		15,591	3.78	589						
1434955 RIVER CLIFF WANDERER.....*		3	18	2-22,52	22	1.8	10,697	3.56	381	**	28	-478	.00	-17	-27
08-31-62 1190632 4959777 5-71					34		12,249	3.60	441						
1434967 EVERTOPS GOLDEN CROSS.....*		1	24	1-35	24	1.8	13,321	4.12	549	13	25	-21	+.09	+12	+9
01-24-63 1378594 4372881 5-71					14		13,346	3.75	501						
1434969 ARLO SKYLINER ROCKET.....*		3	8	1-22	16	2.2	14,144	3.45	488	7	35	+271	-.03	+5	+11
10-24-62 1244845 4457153 5-71					15		13,293	3.54	470						
1434980 MUELLER FONO AMBITION.....		1	42	1-45	42	1.9	14,085	3.46	487	17	27	-77	+.02	0	-2
09-22-62 1292699 4980139 5-71					5		14,418	3.40	490						
1434996 MAYIOR ROBURKE 80.....*		1	12	1-42	12	2.0	13,491	3.59	485	10	22	-273	-.01	-11	-16
12-19-62 1358011 4455598 5-71					28		14,812	3.66	542						
1434999 TOWEROALE PATRICK.....*		2	10	1-34	12	2.9	15,759	3.98	627	0	27	+149	+.03	+9	+11
09-23-62 1388073 5149981 5-71					25		15,351	3.93	603						
1435014 TWINGAP RICH ASSET.....*		2	12	1-23	14	2.1	15,605	3.70	578	0	26	+415	-.01	+14	+22
03-05-62 1348281 3327917 5-71					33		14,011	3.77	528						
1435026 JAN-AR ROBURKE CITATION R.....*		6	7	2-31,34	16	2.4	14,818	3.31	491	0	37	+491	-.09	+5	+17
09-14-62 1492073 4589278 5-71					21		13,437	3.54	475						
1435041 QUEPIE HUSKY FOR SHADYBROOK P.*		6	2	2-52,55	10	1.5	11,960	3.47	415	13	34	-358	-.07	-22	-28
07-15-62 1194661 3738314 5-71					8		12,917	3.72	480						
1435060 LARKFIELD HILDA NED.....*		3	10	1-32	18	2.6	14,574	3.47	505	0	35	+347	-.04	+7	+15
09-21-62 1374226 4356513 5-71					12		13,533	3.58	484						
1435061 OENOVO TRUSTEE DESIGN ABE.....*		2	10	1-51	19	2.1	12,949	4.13	535	18	35	-811	+.09	-17	-35
08-19-62 1246308 3994206 5-71					24		15,423	3.86	595						
1435064 MOOKOWN OELIGHT.....*	61-02	30	3	5-21,31,	50	2.1	14,726	3.58	527	7	72	+72	+.01	+4	+5
09-17-62 1243697 4617504 5-71				32,42,74	27		14,702	3.56	524						
1435082 BEALLGRAY BELLE BOY BELLRINGER*		1	11	1-55	11	2.3	14,678	3.64	535	0	23	-79	-.04	-8	-9
10-14-62 1259069 3677901 5-71					43		15,146	3.84	581						
1435095 SANDHURST SEILING ROCKET.....*	61-02	112	3	11-31,32,	164	1.6	14,857	3.81	566	6	89	+287	+.12	+28	+31
12-12-62 010252803 4851129 5-71				33,35,73	23		14,600	3.68	538						
1435099 SPEICH DEAN CINDY SNOOPER.....		2	22	1-35	24	2.5	13,829	3.63	502	6	29	+142	-.01	+4	+7
08-02-62 1065220 4923939 5-71					20		13,276	3.66	486						
1435101 OLEY SPRINGS IVANHOE GOVERNOR.*		3	9	2-22,23	13	2.6	13,217	3.54	468	17	28	-302	-.04	-17	-22
09-17-62 1189870 4303907 1-71					27		14,325	3.72	533						
1435117 EDGEMAR PRIDE ADMIRAL.....		4	113	1-93	128	1.6	17,921	3.64	653	3	30	+317	.00	+11	+17
10-17-62 1237057 3899804 5-71					121		17,198	3.65	628						
1435134 REKLAW TRUDY SPECK POSCH.....*		1	18	1-42	18	1.8	14,585	3.54	516	31	24	-344	+.03	-9	-16
09-01-62 1391382 5109783 5-71					7		16,239	3.47	563						
1435137 KERNOT CARNATION PROFILE.....*		2	18	1-42	20	1.3	9,625	3.88	373	8	23	-228	+.03	-4	-9
11-05-62 1395988 5269073 5-71					27		10,233	3.71	380						
1435174 KNOB LICK MISTER MODEL.....*		4	8	2-61,63	14	2.4	15,581	3.66	571	15	33	+144	.00	+5	+8
08-09-62 1369791 4968223 5-71					23		15,273	3.67	561						
1435202 SOLTYS MAPLEBEND DEAN MONTVIC.		1	25	1-23	25	3.3	17,101	4.07	696	8	29	+356	+.04	+19	+25
01-18-61 1099477 3410968 5-71					23		16,077	4.01	644						
1435214 GOPATISTEAD AUDACIOUS ANTHONY.*		2	7	1-33	14	1.8	12,296	3.68	452	8	31	-164	.00	-6	-9
02-17-62 1237747 3061455 5-71					18		12,705	3.70	470						
1435216 TIFFIN HAWTHORNDEN SIR GEORGE.*		4	27	1-31	39	1.7	13,333	3.53	471	8	33	-236	+.03	-4	-9
08-19-62 1235054 3247984 5-71					25		14,077	3.45	485						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1435224 MOON-FARM BOLO JILL.....*		4	15	1-35	20	1.8	15,600	3.74	583	22	29	+21	-.03	-3	-2
09-24-62 1404780 4009074 5-71					12		15,702	3.87	608						
1435226 MARLEN-OALE RAG APPLE WALLIE..*		6	10	1-61	27	1.6	14,275	3.66	523	12	40	-252	+.01	-8	-13
11-07-62 1190632 4377528 1-71					28		15,013	3.66	550						
1435236 L STABLES ROYAL BEACON.....*		4	8	1-35	17	1.9	13,547	3.93	533	**	35	-266	+.07	0	-7
01-04-63 1289585 4512465 5-71					15		14,362	3.76	540						
1435242 MODIK CRESCENT HAP.....		1	13	1-34	13	1.4	11,631	3.68	428	**	21	-317	+.03	-8	-15
12-28-62 1215957 4599986 1-71					6		13,063	3.59	469						
1435285 SABINA WARLU VIOLET STORM.....*		1	25	1-11	25	2.4	13,678	3.71	507	0	28	-16	.00	-1	-1
01-29-63 1215669 4554172 5-71					15		13,716	3.76	516						
1435298 BUDO FARM TITAN.....*		3	15	1-34	25	1.2	13,074	3.63	475	11	30	+15	+.02	+3	+3
11-13-62 1306065 2895637 5-71					8		12,923	3.57	461						
1435299 BUOO FARM MASTER JET.....*	34-01	1	17	1-34	17	2.1	11,297	3.76	425	35	24	-546	+.04	-15	-27
07-26-62 1125174 5025314 5-71					85		13,506	3.64	491						
1435304 MARION DEWDROP GOVERN KING....*		3	9	1-31	12	2.0	16,703	3.69	617	8	27	+220	+.01	+9	+13
09-18-62 1060490 4825187 5-71					34		16,100	3.69	594						
1435307 ARLINDA ELECT.....*		5	9	1-93	20	1.7	16,789	3.50	588	0	35	+791	-.02	+25	+41
10-30-62 1283917 4458317 5-71					36		14,615	3.55	519						
1435396 PABST MOOELER.....*		2	28	1-21	30	1.6	13,755	3.87	533	4	26	-128	+.03	0	-3
09-16-62 1358647 4086890 5-71					16		14,282	3.77	538						
1435402 PABST CHAMPION DUKE.....*		1	34	1-85	34	1.8	14,723	3.42	503	6	26	+50	-.01	+1	+2
12-02-62 1144238 4626980 5-71					51		14,594	3.43	500						
1435411 PRINCE JEWEL SIR.....		1	16	1-87	16	2.8	13,511	3.55	479	0	26	-54	-.01	-4	-5
09-07-61 1300519 4344741 5-71					6		13,702	3.63	498						
1435414 BRAINTRIM REFLECTOR DELWIN....*		8	4	2-22,23	18	2.2	13,981	3.54	495	17	46	-571	-.05	-27	-37
08-05-62 1298430 3240438 5-71					24		15,375	3.65	561						
1435430 SUNNYSIDE IDEAL BURKE.....*		5	12	3-35,57,	19	2.6	13,599	3.40	462	6	34	-97	-.06	-12	-12
09-12-62 1150470 4553485 5-71				73	8		13,884	3.59	499						
1435439 VINCENT RENOWN MOOSEHEART.....*		3	16	1-23	21	1.4	11,770	3.62	426	15	27	-103	+.02	-1	-4
10-03-62 1335787 4373228 5-71					12		11,949	3.56	425						
1435446 CRESCENT BEAUTY TRUSTEE.....*		7	18	4-33,35,	29	1.9	14,532	3.82	555	10	34	+40	+.06	+10	+9
01-21-63 1316533 5256049 5-71				72,73	17		14,466	3.66	529						
1435461 UMBRIAN MASTER MAJESTY OUKE...*		2	15	1-22	17	1.8	18,942	3.46	656	13	26	+546	-.03	+15	+27
09-25-62 1293580 4050508 5-71					24		17,119	3.55	607						
1435490 ORMSBY MASSMAN GOVERNOR.....*		4	6	1-42	13	2.2	15,629	3.79	592	8	34	-120	+.07	+5	+1
12-14-62 1423625 4920197 5-71					10		16,214	3.61	586						
1435498 WES-BELL REVLON MIOVAR RAY....		1	30	1-35	30	1.8	12,329	3.87	477	14	26	-52	+.02	+1	-1
10-09-62 1274657 4789740 5-71					7		12,374	3.81	471						
1435507 DURWICK WHIRLWIND MARK.....*		1	38	1-21	38	1.8	14,628	3.32	485	0	27	+314	-.09	-2	+6
08-11-62 1221226 3949938 5-71					26		13,397	3.69	494						
1435523 KNOLLSIDE CAPITAINE OIVIDENO..*		6	5	1-41	15	1.9	15,386	3.58	551	0	37	-20	-.05	-7	-6
09-09-62 1395847 5310728 5-71					17		15,608	3.71	579						
1435536 VISTA 8 F BARON SKYWAY.....*		3	18	1-33	35	1.6	11,859	3.96	470	16	37	-606	+.05	-15	-28
08-07-62 1404687 4240700 5-71					7		13,444	3.82	514						
1435560 ROTHERWOOO IVANHOE KING SAL...		4	10	2-52,55	26	1.7	15,406	3.64	561	21	40	+512	-.01	+17	+27
08-17-62 1189870 4647368 5-71					31		14,153	3.68	521						
1435561 ROTHERWOOD IVANHOE PENN RANGER*		5	9	1-52	23	2.3	15,532	3.55	552	0	41	+30	+.01	+2	+2
09-24-62 1189870 4513301 5-71					29		15,629	3.53	552						
1435572 LEA INN BUTTER BOY DUKE.....*		6	8	1-42	16	2.3	13,475	3.61	486	6	35	+52	.00	+2	+3
05-24-62 1373030 4515732 5-71					7		13,257	3.60	477						
1435573 LEA INN MASTER DEAN COMET.....*		1	10	1-42	10	2.8	12,844	3.84	493	10	24	-186	+.01	-5	-9
10-12-62 1403573 5329960 5-71					5		13,606	3.82	520						
1435591 E-Z ACRES COUNTRY GENTLEMAN...*	21-10	54	1	2-13,21	61	2.3	15,050	3.61	544	11	80	-80	+.03	+1	-1
10-15-62 1264726 4756706 5-71					24		15,286	3.58	547						
1435605 PRIME MARAUDER JESS.....		1	15	1-41	15	2.7	16,593	3.67	609	13	26	+284	+.01	+12	+17
11-10-62 1337061 4516362 5-71					9		15,653	3.63	568						
1435606 8 PABST HAYSSEN HI HOPE.....*		1	10	1-43	10	2.5	11,001	3.87	426	22	22	-261	+.02	-7	-13
09-07-62 1250992 4423089 5-71					13		11,973	3.83	459						
1435627 WALHOWOON VERNON TIROS.....*		3	8	2-12,16	11	1.9	14,302	4.00	572	0	26	-327	+.04	-6	-13
09-20-62 1246708 3979440 5-71					22		15,726	3.87	608						
1435638 SUNNYNOTCH PROFILE JASPER.....*		3	18	1-42	22	2.2	12,489	3.91	488	6	29	-204	+.05	-1	-6
09-07-62 1392600 3509167 5-71					35		13,113	3.77	495						
1435646 ROCK RIVER COTTON REGAL.....	91-11	22	3	2-42,74	32	1.5	13,944	3.74	522	7	58	+102	+.10	+18	+18
02-08-63 1355376 5176308 5-71					9		13,750	3.56	490						
1435684 KNOB LICK PACLAMAR POSCH.....*		5	24	1-84	39	1.4	16,911	3.73	630	10	34	+63	+.08	+14	+13
11-14-62 1392233 4499885 5-71					29		17,032	3.52	599						
1435689 OEE ANN ECHO RE PRIDE.....*		1	42	1-86	42	1.7	12,929	3.48	450	35	26	-461	-.02	-20	-29
11-10-61 1230610 3801058 5-71					24		14,776	3.60	532						
1435690 DEE ANN SILVER TIM.....*	33-03	11	31	5-31,48,	50	2.2	17,973	3.88	697	4	38	+418	+.10	+29	+35
11-13-61 1342896 4765419 5-71				51,55,87	20		17,189	3.68	633						
1435691 DEE ANN SILVER CHARM.....		2	26	1-86	28	1.9	15,178	3.61	548	5	27	-503	+.14	0	-13
12-25-61 1342896 4679678 5-71					32		17,397	3.21	559						
1435713 ARESKU SCHOOLMATE VOYAGER.....*		1	10	1-52	10	2.4	16,283	3.60	587	0	23	+375	-.03	+9	+17
07-01-62 010272170 011201650 5-71					33		14,697	3.75	551						
1435719 MAN-O-WAR 8 F ESTEEM SKYLARK..*		2	18	1-21	20	1.8	13,985	3.63	507	**	26	-127	.00	-5	-7
08-13-62 1344345 4182539 5-71					53		14,533	3.66	532						
1435720 TRIPLE VALLA VISTA IKE.....*	33-03	9	13	5-13,23,	34	2.0	14,731	3.71	547	21	44	-100	-.05	-11	-12
08-12-62 1396885 4143918 5-71				33,35,73	40		15,075	3.86	582						
1435721 BESSIE 8 F TRIUNE GYPSIE.....*		2	64	1-86	66	1.6	16,384	3.39	555	29	27	0	-.01	-2	-2
08-13-62 1326679 3342774 5-71					135		16,654	3.43	571						
1435737 JAMESTOWN COMRE COMET.....*		2	22	2-41,45	24	1.6	17,150	3.46	594	17	26	+102	-.03	0	+3
12-01-62 1242338 5032133 5-71					21		17,067	3.54	605						
1435776 STOOKEYHOLM PRINCE LARRY.....		3	8	1-32	11	1.3	11,550	3.66	423	20	23	-312	+.02	-8	-15
02-13-62 1227945 4243917 1-71					6		12,784	3.58	458						

REGISTRATION NUM8ER NAME OF 8ULL	STUD CODE	NUM8ER OF HEROS	EFF OAU /HO	STATES NO- WITH MOST OAUS	... OAUGHTERS AND HEROMATES ... OAUS HM/OAU	REC/OAU HEROMATE	MILK	%	FAT	% 1ST INC	REPT %	PREOICTED DIFFERENCES MILK	%	FAT	$$
1435806 ELROC WALLIE.....*		7	19	3-23,55,	40	2.2	15,360	3.42	525	6	41	+313	-.07	+1	+9
12-20-62 1190632 3355363 5-71				56	38		14,677	3.57	524						
1435822 M JAY8EE ERIC PEGASUS.....*		1	13	1-93	13	1.7	16,952	3.98	674	**	22	-25	+.09	+11	+8
08-20-62 1217639 3872527 5-71					124		17,414	3.66	638						
1435833 ELLENVALE GYPSIE A8SOLUTE.....		7	12	1-41	29	1.5	17,196	3.69	634	22	39	+554	+.03	+24	+34
05-07-62 1277213 4202790 1-71					19		15,966	3.64	581						
1435835 ELLENVALE GOLOEN MASTER.....*		4	7	1-41	16	2.1	15,598	3.69	575	7	36	+336	-.03	+8	+15
08-26-62 1199324 3243903 5-71					9		14,731	3.79	558						
1435845 OELLFIELO SENATOR SEILING.....*		2	16	1-93	18	2.2	17,743	3.41	605	18	27	+54	-.03	-2	0
10-01-62 1376402 4777740 5-71					70		17,943	3.49	627						
1435851 FAIRFIELO RAG APPLE AOMIRAL...*		6	5	2-52,55	23	1.8	13,107	3.46	454	17	46	-466	-.02	-19	-28
08-11-62 1237057 3725065 5-71					37		14,134	3.52	497						
1435865 OUNHILL LAKEFIELO LONE PINE...*		3	21	1-21	25	1.0	15,311	3.66	560	**	24	-125	+.05	+2	-2
02-19-61 1243697 4649740 5-71					9		16,045	3.46	555						
1435875 WIS SYM8OLIC PIONEER.....*		2	8	2-35,52	10	1.8	13,607	3.44	468	11	23	-318	-.05	-18	-23
12-02-62 1292880 4566771 5-71					17		15,111	3.67	554						
1435876 WIS PIONEER DAISY 8OY.....*		6	5	2-35,65	17	1.5	13,821	3.54	489	13	38	+6	-.04	-5	-4
01-01-63 1292880 3465723 5-71					11		13,789	3.66	505						
1435877 WIS PIONEER PETE.....*		2	9	1-31	11	1.5	14,803	3.59	532	10	22	+214	-.03	+4	+9
02-04-63 1292880 4855768 5-71					22		13,823	3.71	513						
1435884 WIS MAYERS.....*	91-11	5	23	3-32,35,	30	1.7	15,401	3.84	592	4	30	+371	+.01	+15	+22
10-10-62 1368257 3612216 5-71				61	26		14,186	3.86	547						
1435885 MAYTAG OIC-IOEAL PETER PAN....		1	14	1-42	14	1.5	12,073	3.38	408	8	22	-113	-.04	-10	-11
07-22-62 1303077 4761661 5-71					3		12,449	3.64	453						
1435889 LEMAX LEAOER IOEAL.....*	23-13	5	19	2-12,13	29	2.1	17,987	3.69	663	4	34	+659	-.02	+21	+35
11-01-62 1188528 4766647 5-71					22		16,303	3.77	614						
1435890 LEMAX VERNON PILOT.....*		8	2	4-11,12,	11	2.6	15,948	3.82	610	0	40	+125	+.04	+10	+12
12-15-62 1246708 3899849 5-71				13,14	32		15,826	3.75	594						
1435907 INWOOO LOUIE PRIOE.....		1	22	1-35	22	1.6	13,556	3.67	497	11	24	+167	+.01	+8	+11
09-14-62 1331551 4728023 5-71					6		12,733	3.59	457						
1435917 MONCONY HI-HOPE HERCULES.....*		2	6	1-21	11	1.6	12,685	3.57	453	60	28	-583	+.05	-15	-20
09-29-62 1250992 4878737 5-71					38		14,880	3.43	510						
1435930 CLYANNOALE GOLOEN RUSTY.....*		1	25	1-31	25	1.7	12,983	3.57	463	30	25	-99	.00	-3	-5
08-31-62 1339425 4651962 5-71					13		13,330	3.58	477						
1435955 THONYMA THOR.....*	33-03	299	3	29-21,23,	457	1.7	13,670	3.61	493	17	96	-726	-.01	-28	-42
08-27-62 1244845 3908425 5-71				31,41,52	22		14,486	3.63	526						
1435978 OAKCREST REFLECTOR ROCKET.....*		7	6	3-13,16,	21	2.1	15,556	3.53	549	7	44	+152	-.05	-1	+3
08-16-62 1405389 4984023 5-71				21	23		15,351	3.64	559						
1435987 MASSIVE HILLS MALLARY OAK.....*		3	17	1-63	22	2.0	14,402	3.79	546	9	30	-251	+.11	+6	-2
01-18-63 1245535 3959363 5-71					50		15,382	3.43	528						
1436000 HOME ACRES ELMOKA CARNATION...*		2	8	1-35	15	2.1	13,396	3.69	494	0	33	+116	+.03	+9	+10
10-20-62 1106334 4230986 5-71					9		12,941	3.57	462						
1436005 EASIOE MONA MASTERPIECE SEARS.*		3	21	1-21	28	2.3	16,020	3.46	554	8	33	+347	-.02	+9	+16
10-20-62 1085978 3972960 5-71					24		15,065	3.52	530						
1436024 SNIPSIC FAYNE IVANHOE.....*		1	17	1-16	17	1.5	17,373	3.55	616	12	23	+144	+.01	+6	+9
03-13-62 1189870 3793882 9-70					78		17,048	3.52	600						
1436041 BURTONA SLIM JAKE.....		1	11	1-48	11	1.8	15,357	3.57	549	0	22	+203	-.02	+4	+9
10-16-62 1344341 5271639 5-71					2		14,480	3.69	535						
1436046 MTN OAIRY MURRAY WALKER.....*		1	11	1-51	11	1.6	16,801	3.50	588	**	21	+449	-.02	+14	+23
11-09-62 1388082 4697322 5-71					19		14,718	3.56	524						
1436056 INTERNATIONAL REFLECTION.....*		9	2	3-21,31,	12	2.2	13,877	3.69	512	0	41	-394	-.01	-16	-24
10-23-61 010198998 011377819 5-71				35	21		14,951	3.75	560						
1436058 LAKEVALE LEROY BURKE.....*		3	4	2-33,58	12	2.4	14,489	3.52	510	8	36	+518	-.02	+16	+27
09-04-62 1179372 5183264 5-71					14		12,928	3.57	461						
1436077 STEVINSON KING FLAPJACK.....		2	8	1-93	10	1.0	16,033	3.58	574	0	20	+293	+.01	+12	+18
07-22-62 1369893 4749707 5-71					55		14,596	3.51	512						
1436081 MILK & HONEY IVANHOE.....*	23-09	637	3	11-23,50,	1,187	1.9	14,773	3.82	564	10	98	+83	+.08	+14	+14
11-26-62 1189870 4282302 5-71				51,52,57	19		14,771	3.76	555						
1436139 HOBELL TIOY 8URKE NEO.....*		2	44	1-43	46	2.1	12,365	3.76	465	0	29	-573	+.07	-11	-24
04-29-62 1235097 4110109 5-71					22		14,398	3.52	507						
1436146 OLMAR SKY KING.....*		7	5	2-41,46	21	2.1	16,300	3.48	568	29	45	+388	-.08	+3	+13
09-11-62 1306661 4535317 5-71					18		15,605	3.64	568						
1436154 AMES-WAY AOVANCER.....*		4	4	2-33,35	13	1.5	14,382	3.59	517	31	34	0	-.01	-2	-2
08-20-62 1014925 4458467 5-71					23		14,431	3.67	529						
1436174 SHUR-POLL COUNT MERCEOES.....		1	32	1-48	32	1.6	11,402	3.72	424	28	25	+29	+.02	+4	+4
05-10-62 1195680 5082450 5-71					6		10,991	3.63	399						
1436181 SHUR-POLL 8ROOK RO8ERTA LAO...		1	15	1-45	15	2.1	13,897	3.48	484	**	24	+87	-.02	+1	+3
01-23-63 1398998 5297966 5-71					8		13,494	3.55	479						
1436188 SHUR-POLL 8URKE ECHO LAO.....		2	28	1-45	30	1.9	12,315	3.89	479	20	27	+13	+.04	+6	+5
11-08-62 1229660 4630370 5-71					15		12,081	3.72	450						
1436226 ELM RIDGE CELE8RITY VALOR.....		1	18	1-35	18	1.2	12,854	3.84	494	14	21	-273	+.05	-3	-10
10-06-62 1395838 4978029 5-71					10		14,163	3.64	515						
1436227 ELM RIOGE CELE8RITY TREASURE..*		3	20	1-35	27	1.6	14,485	3.90	565	8	30	-100	+.05	+3	0
12-06-62 1395838 4117171 5-71					27		14,924	3.76	561						
1436233 LOCHLAWN CITATION COMMANOO....*		3	27	1-41	31	1.9	12,303	3.71	457	13	29	+135	-.02	+2	+3
01-21-62 1381772 4543188 5-71					16		11,596	3.82	443						
1436258 HAR8ORCREST SMOKEY.....*	23-09	279	4	12-21,22,	536	1.8	14,498	3.83	555	13	96	-139	+.09	+8	+3
11-21-62 1221226 5054916 5-71				23,50,51	21		14,722	3.74	551						
1436268 PETZOLO COMET INKA POSCH.....		1	21	1-21	21	1.9	16,487	3.51	579	5	25	+265	.00	+10	+15
05-29-62 1299388 3988287 5-71					4		15,591	3.49	544						
1436292 STEPPING STONE MOOEL OICTATOR.*		1	22	1-41	22	2.1	16,647	3.65	608	23	26	+417	-.01	+13	+22
12-23-62 1390630 4540063 5-71					7		15,153	3.72	564						
1436300 SMITHS GRAN8YOALE WILLIAM.....		1	19	1-21	19	2.4	15,217	3.48	530	0	26	+146	-.02	+3	+6
04-08-62 1374422 3474938 5-71					14		14,731	3.52	518						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1436308 TOBEY HILL ADMIRAL.....*		3	28	2-14,16	37	2.2	16,339	3.74	611	6	32	+679	.00	+24	+38
12-14-62 1237057 3930774 5-71					18		14,271	3.80	542						
1436314 BESSIE 8 F ESTEEM SKYWAY.....*		10	2	4-43,48,	14	1.7	16,441	3.31	545	9	44	+915	-.07	+22	+42
08-26-62 1344345 4323925 5-71				71,73	13		14,412	3.42	493						
1436323 POTTER FARMS ILEX VICTOR.....*		3	5	1-21	12	1.9	14,007	3.44	482	27	32	-160	-.02	-8	-11
02-09-63 1213164 4757093 5-71					40		14,573	3.51	512						
1436351 FOHON ROYAL ROBURKE.....*		1	27	1-41	27	2.4	13,389	3.73	499	27	27	-301	.00	-11	-17
04-30-62 1380945 4419507 5-71					16		14,561	3.76	547						
1436370 HOME PARK BURKE BLACKIE.....*		2	8	2-35,52	10	1.3	14,398	3.74	539	25	21	-76	+.01	-2	-4
01-02-63 1214152 4062828 1-71					14		14,858	3.75	557						
1436415 LIME HOLLOW BURKGOV MAJESTY...*	23-11	174	2	3-21,22,	276	2.0	14,475	3.67	531	10	94	-208	-.05	-15	-18
10-12-62 1038509 4021635 1-71				23	22		14,782	3.74	553						
1436419 FILBERT BONHEUR BARON.....*		1	22	1-51	22	2.5	14,193	3.83	543	5	27	+33	.00	+1	+2
10-13-62 1217478 4219352 5-71					33		14,087	3.87	545						
1436439 MILLERHURST GENERAL MEMORY....*		3	9	1-21	12	2.1	16,246	3.90	634	36	26	-10	+.04	+5	+4
11-02-62 1215402 3676235 5-71					39		16,547	3.80	628						
1436445 LOCHLAWN R A BANNER.....*		7	23	2-41,47	35	2.2	15,278	3.74	572	21	35	-73	-.02	-6	-7
09-25-62 1402113 4164160 5-71					19		15,661	3.84	601						
1436447 LOCHLAWN FUTURE HOPE.....*		11	2	2-41,46	15	2.1	13,245	3.60	477	29	46	-663	-.03	-28	-40
04-13-62 1243697 4686710 5-71					10		14,788	3.68	544						
1436455 BEVEREST ANKER SUPREME MAX....*		1	18	1-35	18	2.4	14,680	3.77	554	7	26	-73	+.03	+1	-1
07-07-62 1382768 4904976 5-71					13		15,081	3.68	555						
1436476 HENRY H FELIX ECHO DELLA.....*		1	16	1-51	16	3.0	13,378	3.51	469	13	27	-246	-.03	-13	-17
04-16-62 1151349 4824177 5-71					20		14,348	3.66	525						
1436479 FON-DO STAR.....*		2	8	1-35	10	2.2	16,406	3.40	558	20	24	+230	-.04	+2	+8
11-27-62 1378594 4439462 5-71					18		15,632	3.56	556						
1436481 ROYAL HI HOPE PINE KNOLL.....*		1	29	1-11	29	1.7	15,367	3.55	546	13	25	-241	+.01	-8	-13
09-14-62 1250992 4499007 5-71					13		16,582	3.57	592						
1436491 ESMUR DOWNS MODEL RAVEN.....		1	26	1-41	26	1.9	12,949	3.53	457	44	26	-162	+.02	-3	-7
09-20-62 1357442 3942031 5-71					16		13,544	3.46	469						
1436494 SOUTHWIND ADMIRAL FLAME.....*		2	18	1-74	22	1.6	14,585	3.28	479	0	27	-250	-.02	-12	-16
04-20-62 1216668 4094840 5-71					94		15,705	3.37	530						
1436496 BONAL HERB.....		1	26	1-41	26	2.1	13,517	3.66	495	19	26	+196	-.02	+4	+8
08-31-62 1246729 5159684 5-71					3		12,633	3.77	476						
1436509 COOLIDGE KENNEDY IPOSCH.....		3	12	1-86	28	1.6	13,139	3.52	462	27	39	-603	+.07	-12	-26
02-02-63 1389471 4269066 5-71					39		14,774	3.35	495						
1436528 NSH LAFAVUM ROBARTA PARADER...		2	22	1-47	44	1.4	13,094	3.83	502	18	38	-205	+.09	+5	-1
12-15-62 1285154 4458370 5-71					21		13,609	3.58	487						
1436541 STEINBETH GLENAFTON FOND MARK.*		1	16	1-31	16	2.6	14,502	3.55	515	13	26	-104	+.04	+2	-1
08-09-62 1243697 5205815 5-71					10		15,017	3.38	508						
1436557 M H C SUPREME CHIEFTAIN PEACE.*		2	8	1-51	10	2.2	14,182	3.84	544	20	24	+42	+.01	+3	+4
05-29-61 1216873 3920031 5-71					32		14,018	3.80	533						
1436577 HICKERSON CHIEF BILLY.....*		1	12	1-71	12	1.7	11,650	2.82	329	0	21	-255	+.02	-7	-12
12-08-62 1374203 4910077 5-71					19		12,733	2.77	353						
1436607 HI-DALE LEADER COUNT.....		2	32	1-35	34	2.3	12,582	3.57	449	6	29	-215	+.01	-7	-11
01-01-63 1308419 4453377 5-71					21		13,251	3.58	475						
1436626 EARLHAM DUKE PRINCE.....	35-75	19	1	9-21,31,	22	2.6	17,046	3.51	598	6	59	+976	-.08	+24	+45
10-20-62 1222994 4462063 5-71				55,91,93	70		15,565	3.62	563						
1436628 GOUVEIA PERSEUS INSPIRE.....		1	17	1-93	17	1.1	17,246	3.48	601	**	21	+339	-.05	+5	+13
11-25-62 010260599 5170226 5-71					29		15,776	3.71	585						
1436679 B D I REROYAL CHESTER.....*		1	75	1-23	75	1.5	15,364	3.59	551	24	27	+340	-.02	+9	+16
12-04-62 1192713 4561926 5-71					47		14,102	3.68	519						
1436727 STRICKLER TI-RO DUSTY MERRIT..*		6	4	1-48	18	1.3	13,606	3.51	478	11	39	-107	-.01	-5	-7
10-20-62 1388721 5180562 5-71					13		13,877	3.54	491						
1436728 STRICKLER PERSEUS BLOOM.....		1	10	1-48	10	1.6	11,524	3.45	398	11	20	-216	+.03	-3	-8
11-01-62 010260599 4869097 5-71					8		12,449	3.26	406						
1436749 MAC-ROYAL SKY CHIEF.....*		1	18	1-21	18	2.4	12,803	3.54	453	6	25	-532	.00	-19	-30
01-05-63 1244845 3470996 5-71					21		15,008	3.55	533						
1436751 MERIWETHER PONTIAC REX.....*		1	21	1-35	21	1.2	15,211	3.56	541	24	22	-6	-.03	-5	-4
01-11-63 1397752 4296397 5-71					20		15,389	3.74	575						
1436755 ERIE-BELL MODEL IVAN.....*		3	14	2-31,56	18	1.9	16,729	3.51	588	11	28	+443	-.02	+13	+22
01-29-62 1189870 4490361 5-71					16		15,254	3.57	545						
1436766 VALHANNA PABST C M ELMER.....*		4	4	1-21	10	1.7	15,172	3.52	534	22	29	+115	-.02	+2	+5
01-02-63 1355967 4998576 1-71					34		14,862	3.56	529						
1436768 FILCO RAVEN PONTIAC JACK.....*		4	4	2-41,46	13	2.5	14,558	3.21	468	15	38	+171	-.11	-9	-3
09-25-62 1397752 4872462 5-71					19		14,121	3.50	494						
1436790 OWEN IDEAL JUPITER.....*		2	8	1-31	13	2.2	15,200	3.58	544	31	29	+188	-.01	+6	+10
09-17-62 1013415 4153994 5-71					44		14,618	3.60	526						
1436791 KRULL CRISSCROSS MAGNIFICENT..*		1	31	1-35	31	2.2	14,981	3.77	565	19	27	-172	+.02	-3	-7
03-27-62 1378594 3541325 5-71					22		15,803	3.72	588						
1436801 ECHO POINT KORNDYKE GRANDIER..*		2	7	1-23	11	2.4	16,867	3.52	594	0	29	+435	-.03	+11	+20
12-30-62 1277619 3430733 5-71					9		15,526	3.61	561						
1436803 WINSTOP R A MAPLE ANN.....*		4	4	3-35,63,	10	2.6	14,659	3.45	506	0	33	+221	-.04	+2	+7
11-30-62 1386406 4059906 5-71				73	13		14,004	3.58	501						
1436806 GLENAFTON RAG APPLE HAGEN.....*	35-75	11	23	5-32,34,	40	2.6	15,699	3.62	569	0	40	+308	-.02	+8	+15
02-03-62 1243697 011155492 5-71				35,55,57	12		15,029	3.68	553						
1436807 SIONILLI SIR BONNY PRIDE.....*		5	4	2-33,64	12	2.3	13,463	3.73	502	27	37	-389	+.02	-11	-19
11-20-62 1237057 3758634 5-71					26		14,598	3.69	538						
1436815 BSH ROBERT TEX LIEGE.....*		6	12	2-46,47	25	1.7	16,252	3.49	568	4	37	+266	-.06	+1	+8
09-23-62 1300012 5190083 5-71					31		15,702	3.65	573						
1436825 ORMSBY RAVENGLEN BOB.....*		1	14	1-31	14	2.6	13,629	3.70	504	21	25	+4	+.03	+5	+4
02-16-63 1297169 3852398 5-71					12		13,576	3.54	481						
1436827 POSCH WIS PAUL.....*		2	10	1-31	13	1.5	12,859	3.47	446	0	25	-315	.00	-12	-18
10-20-62 1226862 3589388 5-71					48		14,132	3.50	495						

REGISTRATION NUMBER NAME OF BULL	STUO CODE	NUMBER OF HERDS	EFF OAU /HD	STATES NO- WITH MOST OAUS	... OAUGHTERS AND HERDMATES ... OAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	IST INC	REPT %	PREOICTEO OIFFERENCES MILK	%	FAT	$$
1436865 MAYERS CAPITAINE DUKE CROSS...*		3	6	1-35	11	1.2	12,033	3.71	446		67	25	-247	+.01	-8	-13
03-22-62 1394692 4506679 5-71					8		12,930	3.72	481							
1436867 LOMET SUPER KING EOWARD.....	21-10	46	1	3-11,13,	48	2.0	13,535	3.63	491		13	75	-873	+.04	-26	-44
12-09-62 1143578 3992246 5-71				21	22		14,781	3.59	530							
1436869 LOMET DANFORD DAGAN.....*	21-10	38	1	2-13,21	41	2.1	15,534	3.51	546		16	72	+62	-.04	-3	-1
10-27-62 1223243 4776469 5-71					24		15,616	3.57	557							
1436875 MOUNO VIEW AMBASSADOR HI HOPE.*		4	4	1-35	11	2.0	12,431	3.59	446		45	32	-270	-.02	-12	-17
12-07-62 1250992 5300026 5-71					21		13,213	3.68	486							
1436881 HORTONHOLM ORMSBY AUDACIOUS...*		2	8	1-23	10	1.2	11,547	3.64	420		**	21	-272	-.03	-14	-19
10-30-62 1237747 4988625 5-71					9		12,762	3.86	492							
1436907 VALLA VISTA SAMUEL GREAT.....*		5	7	2-43,47	15	1.8	16,324	3.56	581		0	33	-136	-.03	-9	-11
01-27-63 1243399 3443348 5-71					15		17,055	3.65	623							
1436916 HEUERS CITATION FOBES.....		1	32	1-41	32	1.5	11,181	3.83	428		17	25	-342	+.05	-6	-14
11-06-62 1388044 3627771 5-71					20		12,404	3.64	452							
1436938 MOWRY JO STAR.....*		1	14	1-23	14	1.7	16,545	3.45	570		36	23	-301	+.02	-8	-14
11-15-62 1274923 3766095 5-71					50		18,314	3.39	621							
1436940 WELLER FARM FAY HOPE.....*		3	12	1-21	16	2.0	12,945	3.51	454		13	28	-566	-.05	-27	-37
08-07-62 1302074 4683042 5-71					20		15,117	3.70	560							
1436959 CORRECTION SEGIS BOLD.....*		2	18	2-35,61	20	2.4	11,835	3.87	458		0	28	-206	+.02	-4	-9
08-03-62 1258673 4528726 5-71					35		12,424	3.81	473							
1436990 EDROY LEADER JEROMA TITAN.....*		3	25	1-82	29	1.5	17,060	3.60	614		14	27	+471	-.03	+12	+22
01-16-63 1249424 4503252 5-71					14		15,437	3.73	576							
1437002 REDDING BENEFACTOR DAN.....*		1	13	1-32	13	2.2	13,966	3.64	509		20	24	-158	-.03	-10	-12
09-02-62 1199324 4996856 5-71					24		14,715	3.83	563							
1437003 KOZY-MEOO TRIUNE REX.....*		1	22	1-32	22	1.9	13,521	3.79	513		23	25	-3	+.01	+1	+1
01-14-63 1297169 4170031 5-71					10		13,493	3.77	509							
1437080 OIAMOND A WIS PIEBE.....*		3	10	1-93	16	1.4	15,152	3.41	517		17	29	-149	-.03	-9	-11
01-28-63 1144239 4604724 5-71					35		15,867	3.50	556							
1437101 TRANSTOMIA PANSCO OIAMOND.....*		1	23	1-42	23	1.5	15,200	3.40	517		40	24	+203	-.06	-1	+4
02-17-62 1185854 4162302 5-71					13		14,394	3.68	530							
1437104 TABUR M EVAN.....*		3	8	1-43	11	2.6	12,518	3.79	474		18	28	-330	+.09	0	-9
09-27-62 1406351 5230205 5-71					12		13,668	3.43	469							
1437105 ROMANDALE TABUR ZENITH.....*		9	14	1-74	30	1.9	14,459	3.47	502		23	39	-122	+.01	-3	-6
09-28-62 010257174 5638583 5-71					22		14,871	3.46	514							
1437108 MODEL ORMSBY PIEBE PAUL.....		1	13	1-57	13	1.9	14,647	3.73	547		17	23	+168	+.01	+7	+10
09-15-62 1216668 4280799 5-71					24		13,895	3.73	518							
1437123 BRAEBURN EL OIABLO.....*		1	18	1-21	18	1.6	16,137	3.66	591		8	24	+252	.00	+9	+14
02-06-63 1207988 3293345 5-71					67		15,196	3.69	560							
1437152 WALKER FARM BURKGOV KEY.....*		8	19	1-21	48	1.8	16,040	3.32	533		10	44	+25	-.08	-10	-8
11-22-62 1038509 4726540 5-71					51		16,211	3.48	564							
1437153 WALKER FARM HI BOY.....*		4	5	1-21	14	2.3	14,392	3.47	499		23	37	-229	-.01	-10	-14
12-01-62 1250992 4673973 5-71					49		15,141	3.51	531							
1437163 NORMAN COLBY PABST.....		2	13	1-13	17	2.4	14,560	4.11	599		15	29	-326	+.15	+8	-2
08-01-62 1395660 4365711 5-71					40		15,890	3.64	579							
1437165 BRY-NELL MARK DUKE.....*		2	9	1-23	17	2.4	15,902	3.65	580		0	34	+415	-.01	+14	+22
01-22-63 1222994 4664015 5-71					25		14,778	3.68	544							
1437199 MANCRYCO GALLANT ROMAN.....*		7	3	1-42	13	1.9	15,136	3.67	555		25	38	+259	.00	+10	+15
12-28-62 1402414 3999330 5-71					13		14,518	3.66	532							
1437203 ROUND OAK IVANHOE EMPEROR.....*		6	7	2-51,52	23	2.0	14,702	3.37	495		20	44	+130	-.11	-11	-6
08-28-62 1189870 4347175 5-71					27		14,460	3.62	523							
1437233 KAY-BEN SKYBOY.....*		5	3	2-11,12	10	3.1	13,723	3.78	519		13	35	-6	+.04	+6	+5
01-03-62 1244845 3638109 5-71					25		13,722	3.65	501							
1437234 KALMEYS ADMIRAL PRIOE.....		3	16	1-61	34	1.9	12,975	3.65	474		34	39	-355	+.01	-12	-19
05-05-62 1237057 4039815 5-71					7		13,882	3.66	508							
1437243 MARVILLE ACRES PABST MONITOR..*		1	10	1-35	10	2.1	14,799	4.20	621		10	22	-94	+.06	+5	+2
11-15-62 1322069 4644173 5-71					17		15,378	3.96	609							
1437250 COLD SPRING RENOWN.....*		5	7	2-23,35	13	2.0	14,424	4.03	581		0	31	+18	+.12	+18	+15
04-09-62 1323293 3235707 5-71					17		14,412	3.64	525							
1437289 BUTTERFIELD HI CHAMPION.....*		4	5	1-55	12	2.1	11,487	3.22	370		18	34	-609	-.04	-27	-38
09-01-62 1250992 4660688 5-71					36		13,220	3.37	446							
1437311 KYLAND PRIVALEAOER.....*		1	45	1-32	45	1.9	14,160	3.61	511		10	27	+191	-.01	+5	+9
10-16-62 1293254 4251975 5-71					20		13,403	3.67	492							
1437327 EAVESTEAO IMPERIAL REOSTONE...*		7	9	3-14,21,	20	2.1	15,374	3.58	550		14	38	+142	-.02	+3	+6
06-16-62 1085978 4477646 5-71				33	34		15,116	3.61	546							
1437348 LORENZ CRITERION DESIGN.....		1	12	1-41	12	2.2	15,629	3.11	486		25	23	+315	-.09	-2	+7
09-23-62 1244844 4043652 1-71					4		14,286	3.48	497							
1437350 LORENZ ROYAL MASTER.....		1	24	1-41	24	1.9	13,208	3.50	462		41	25	-129	-.02	-7	-9
08-10-62 1380945 5039784 5-71					13		13,704	3.61	495							
1437361 LON-NIE NETHERLAND MONITOR....*		3	7	1-48	14	2.3	14,362	4.05	581		18	33	+42	+.13	+19	+17
07-26-61 1309347 4555303 5-71					15		14,267	3.69	527							
1437392 ROCK-I RITA DUKE PETE.....*		1	17	1-33	17	1.9	12,325	4.02	495		15	24	-185	+.03	-2	-6
10-10-62 1293580 4047329 5-71					14		13,005	3.90	507							
1437426 CHAPEL BANK ATLAS.....*		14	25	2-21,23	62	1.7	13,850	3.66	507		24	45	-613	+.08	-11	-25
01-03-63 1395071 3646349 5-71					39		15,358	3.50	537							
1437435 MECCA WALKER RONHUB DESIGN....*		1	10	1-32	10	2.9	12,654	3.74	473		22	23	-265	+.04	-4	-10
09-07-62 1190151 3341644 5-71					8		13,773	3.57	492							
1437446 REGANCREST TEXAL KING.....		1	15	1-42	15	1.5	9,772	3.68	360		7	22	-330	-.01	-13	-19
11-03-62 1295307 4415906 5-71					10		11,004	3.78	416							
1437453 LINHURST IVANHOE WINNER.....*		5	15	1-21	24	2.1	15,270	3.63	554		5	33	+167	+.01	+8	+11
09-21-62 1189870 5100775 5-71					9		14,857	3.58	532							
1437473 REINHARTS ANGORA ADMIRAL ATLAS*		4	20	2-23,64	27	1.9	14,460	3.55	513		5	31	+16	+.03	+5	+5
07-27-62 1237057 3649871 5-71					8		14,458	3.44	497							
1437481 YOKAYO SENATOR JO.....*		2	13	1-93	16	2.1	13,277	3.62	480		14	28	+60	-.02	0	+2
03-30-62 1376402 3699536 5-71					41		12,961	3.72	482							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1437506 KNOLLSIDE MAPLE SYLVIUS.....		2	27	1-41	29	1.5	12,877	3.56	459	**	26		-11	-.03	-5	-4
10-23-62 1386406 5281222 5-71					18		12,812	3.75	480							
1437507 WILLAROS PERFECTION.....*		14	6	5-33,35,	48	1.7	14,757	3.49	515	11	62		+126	-.06	-4	0
11-22-62 1055021 4593160 5-71				52,61,74	115		14,623	3.60	526							
1437531 DOJIMAR BURKE FAYNE JOE.....*		1	24	1-31	24	1.8	14,774	3.58	529	26	25		+43	-.02	-1	0
11-01-62 1113350 4245746 5-71					41		14,679	3.67	539							
1437532 GRAY VIEW X BLOOM.....*	91-11	48	3	14-21,23,	71	1.6	14,002	3.61	505	18	76		-49	-.02	-4	-5
04-19-62 1378594 4259598 5-71				35,41,42	18		14,082	3.64	512							
1437542 FRAN-LAN ROYAL PONTIAC MASTER.*		4	13	1-21	18	2.1	14,361	3.43	493	17	30		+86	-.01	+1	+3
10-12-62 1397752 4400413 5-71					13		14,085	3.46	488							
1437564 BREEZAC SHAMROCK DAGGER.....*		2	8	1-21	10	1.5	16,024	3.45	553	13	22		+173	-.04	+1	+5
02-19-63 010260599 4980214 5-71					32		15,374	3.61	555							
1437575 MAYHOME WALLIE MODEL ECHO.....		1	10	1-14	10	2.2	12,805	3.84	492	10	22		-219	+.01	-6	-11
06-12-62 1386685 4838672 5-71					38		13,812	3.82	527							
1437590 LONOKE STAR ADMIRAL.....*	23-09	29	4	3-22,23,	53	2.1	14,564	3.56	518	10	71		+35	-.12	-15	-12
02-01-63 1237057 4118462 5-71				50	17		14,578	3.73	544							
1437598 MELLERAY ROYAL TOP NOTCH.....		1	15	1-42	15	1.1	12,477	3.81	475	8	20		-22	+.03	+4	+3
01-28-63 1235329 4516868 5-71					6		12,439	3.63	452							
1437600 JAWAY PIETY IDEAL CRUSADER....*	21-10	28	1	2-13,21	30	2.6	15,106	3.48	525	13	67		-23	-.06	-9	-8
09-14-62 1014925 4173710 5-71					24		15,275	3.56	544							
1437603 COMBS-FARM CHIMP.....*		3	9	2-54,63	12	1.8	15,855	3.50	555	38	26		-187	-.02	-10	-13
02-01-62 1352079 4611729 5-71					30		16,886	3.60	608							
1437606 PAL-VER IDEA LEADER.....		3	5	1-32	10	2.0	14,082	3.74	526	33	28		-44	.00	-2	-3
09-20-62 1150470 4068674 5-71					9		14,277	3.80	542							
1437621 OLMAR SKYLINER ELMER.....		1	10	1-41	10	2.2	17,373	3.34	581	50	22		+485	-.04	+12	+23
09-25-62 1306661 4832160 5-71					9		15,257	3.46	528							
1437631 MAN-O-WAR B F SKYWAY ROCK.....*		3	8	2-82,87	11	2.0	18,363	3.66	673	22	27		+614	-.02	+19	+32
10-07-62 1396885 4610498 5-71					10		16,299	3.75	611							
1437632 BESSIE B F SKYWAY LAD.....	61-02	95	3	4-31,33,	178	1.9	14,440	3.52	508	9	90		+549	-.10	+6	+19
10-30-62 1396885 4383165 5-71				42,87	17		13,814	3.63	501							
1437633 MAN-O-WAR B F SKYWAY RDBURKE..*	93-05	39	8	6-82,86,	121	1.4	17,744	3.42	607	16	77		+994	-.10	+21	+43
11-18-62 1396885 3789939 5-71				87,92,93	102		16,727	3.52	588							
1437635 SOUTHWIND NIGHT JULE.....*		1	22	1-73	22	1.3	11,816	3.59	424	**	23		-197	+.01	-6	-10
02-23-62 1400086 3217286 1-71					21		12,554	3.58	450							
1437643 CHAMP TWIN VALLEY LUCKY VAR...		1	13	1-34	13	1.6	11,330	3.72	421	**	22		-227	-.02	-11	-15
04-17-62 1392187 2966853 5-71					25		12,192	3.87	472							
1437653 CHAMP AUDACIOUS TRANSMIT.....*		3	9	2-50,51	12	1.5	15,170	3.51	532	50	25		+415	-.03	+10	+19
05-17-62 1237747 4490805 5-71					31		13,424	3.66	491							
1437694 VERPANA FARM ADMIRAL ACE.....*		3	11	2-33,35	15	2.0	15,025	3.63	546	8	28		+26	-.02	-2	-1
10-18-62 1237057 4121866 5-71					18		15,039	3.73	561							
1437721 OON AUGUR INGLIS HI HOPE.....*		1	11	1-21	11	2.5	18,832	3.61	679	20	23		+138	+.01	+6	+9
07-04-62 1305460 5330181 5-71					22		18,719	3.59	672							
1437724 M A A PONTIAC KORNOYKE.....*		2	8	1-92	12	1.3	13,632	3.44	469	14	25		-105	-.04	-10	-11
12-22-62 1378494 3678915 5-71					22		14,069	3.65	513							
1437730 VARNUMS ADMIRAL OE KOL.....		1	75	1-11	75	1.8	16,246	3.63	589	2	28		+347	.00	+12	+19
09-05-62 1237057 4362404 1-71					135		15,106	3.65	552							
1437753 CRISDHOME PIOON OUKE.....		2	11	1-35	16	1.3	11,539	3.93	454	36	26		-612	+.03	-18	-31
10-12-62 1198696 3483849 5-71					4		13,913	3.80	529							
1437759 BRAINTRIM REFLECTOR PETTY.....*		7	5	1-23	16	1.8	16,429	3.52	578	0	39		+263	-.05	+3	+9
09-22-62 1298430 4502211 5-71					16		15,949	3.63	579							
1437765 TREMCO TEXAL JENNY BURKE.....*		2	16	1-35	18	1.7	13,817	3.64	503	14	25		-155	.00	-5	-8
01-01-63 1295307 3524251 5-71					34		14,491	3.66	530							
1437766 TREMCO RECO JENNY ROYAL.....*		1	21	1-35	21	1.9	14,011	3.40	476	11	24		-76	-.06	-11	-11
11-13-62 1305460 4156943 5-71					35		14,370	3.68	529							
1437769 CRESCENT BEAUTY COMMANDER X...*		4	6	2-34,35	15	1.8	12,578	3.64	458	46	35		-530	.00	-19	-30
11-10-62 1378594 4278135 5-71					23		14,130	3.66	517							
1437775 CRAEBROOK IMPERIAL MODEL IDOL.*	21-10	36	1	3-13,21,	38	2.1	13,923	3.51	489	15	71		-609	-.02	-25	-37
11-18-62 956081 3923035 5-71				23	26		14,878	3.56	529							
1437777 FROMAGE SUPREME RAG APPLE.....*		2	11	1-61	13	2.0	17,081	3.58	612	23	25		+192	-.01	+5	+9
09-29-62 1382768 4334803 5-71					12		16,572	3.62	600							
1437778 BAKER RAG APPLE FINELL.....*		5	5	3-42,86,	15	1.9	14,107	3.39	478	**	36		-379	-.02	-17	-24
07-02-60 1183498 010773805 5-71				93	87		15,295	3.47	530							
1437801 INGLIS ANITA IVANHOE.....	41-01	97	2	8-41,45,	129	1.7	14,056	3.61	507	19	87		-231	.00	-8	-13
07-03-62 1189870 3506733 5-71				46,82,87	20		14,364	3.61	519							
1437802 INGLIS ALAN BEL SEARS.....*	61-02	26	3	4-31,32,	48	1.9	13,858	3.67	509	11	69		-247	+.09	+4	-3
07-05-62 1085978 4071579 5-71				61,74	21		14,249	3.54	504							
1437807 MALLATLINE SKYLEADER ROYAL....*		1	13	1-35	13	2.8	17,585	3.74	657	0	25		+467	-.01	+15	+25
10-19-62 1298815 4724156 5-71					14		15,946	3.83	610							
1437820 SPARKLER SHERMIRLEY TIGER.....		1	16	1-11	16	3.6	11,669	3.45	403	0	28		-195	+.01	-6	-10
07-22-61 1319641 4623616 5-71					11		12,204	3.43	419							
1437823 WAWACO BEAUTY SPARKS.....*		1	39	1-91	39	1.8	16,237	3.41	553	14	27		+62	-.02	0	+2
05-31-62 1370898 4342573 5-71					75		16,236	3.44	559							
1437837 K O B WALKER DE MAAS.....*		1	30	1-86	30	2.4	15,687	3.42	537	8	27		-200	.00	-7	-11
02-22-61 1345229 3386250 5-71					65		16,697	3.43	573							
1437852 DUNCO SUSIE CRISSCROSS.....*		7	4	1-35	12	2.1	15,921	3.80	605	10	36		+528	+.03	+24	+34
04-20-62 1378594 3842807 1-71					22		14,520	3.75	544							
1437866 BOCKLAND CANTOR ELTON.....*		3	8	1-21	13	2.9	15,979	3.80	607	0	32		-124	+.07	+5	+1
10-31-61 1278986 4450064 5-71					28		16,644	3.62	602							
1437877 RI-VAL-RE PUGET DE KOL.....*		3	5	2-33,34	12	1.3	14,030	3.54	497	10	29		+118	-.03	0	+3
10-28-62 1214152 3362962 5-71					62		13,593	3.68	500							
1437889 ALTURA JORDIA PINEY.....		1	14	1-41	14	1.6	14,960	3.72	556	**	23		+142	+.01	+7	+9
11-19-62 1383004 5233397 5-71					10		14,371	3.65	525							
1437893 O-DAY REFLECTION REVELATION...*		1	20	1-87	20	1.9	13,949	3.71	517	16	25		-69	+.03	+2	0
12-15-62 1367294 4914411 5-71					23		14,260	3.58	511							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1437899 EO CONQUEROR AOMIRAL.....*		2	11	1-57	13	2.8	15,063	3.53	531		9	27	+304	-.02	+8	+15
05-13-62 1214152 3715091 5-71					79		13,935	3.61	503							
1437904 ELLINGDALE FARM OEAN.....		1	15	1-35	15	1.7	12,239	3.28	401	**	23		-297	-.05	-17	-22
08-12-62 1225883 4854995 5-71					9		13,488	3.54	478							
1437921 ALFORO FARM CAPN 8.....*		1	21	1-21	21	2.5	16,432	3.44	566		5	27	+608	-.07	+12	+26
12-18-62 1144239 4418788 5-71					18		14,207	3.68	523							
1437933 DORNALO OUKE SOVEREIGN.....*		1	10	1-21	10	2.3	13,849	3.87	536		0	23	+59	+.02	+5	+6
12-14-62 1222994 5647095 5-71					29		13,546	3.79	514							
1437962 KYLAND LEADER MARATHON.....*		1	11	1-35	11	2.2	12,946	3.80	492	**	23		-52	+.03	+2	0
03-24-62 1193254 3640223 1-71					9		13,091	3.67	480							
1437975 LYONS DE KOL PREMIER.....		1	22	1-41	22	2.1	12,289	3.13	385		8	26	-234	-.08	-19	-22
10-05-62 1388747 5588060 5-71					4		13,111	3.50	459							
1437976 SIR PREMIER KYLAND MAN-O-WAR..		1	29	1-41	29	2.2	13,010	3.47	452		15	27	+267	.00	+9	+14
10-29-62 1388747 3882897 5-71					11		11,817	3.45	408							
1437983 REED GAP PA8ST CAPTAIN.....		2	11	1-23	13	2.6	13,843	3.47	480		17	27	+199	-.02	+4	+8
09-20-62 1144239 4871178 5-71					8		13,001	3.53	459							
1438006 ROCKY WALLACE ARISTOCRAT.....	21-10	47	1	2-13,21	49	2.6	16,125	3.69	595		8	77	+841	+.09	+43	+58
08-03-62 1124780 3597932 5-71					23		15,157	3.58	543							
1438016 SWEET HAVEN PRINCE.....	35-75	5	35	3-55,56,	43	1.8	19,617	3.34	655		0	30	+589	-.04	+15	+28
10-01-62 1239242 5117639 5-71				93	61		18,066	3.41	616							
1438023 8URKE LANE-CREST INSIGNIA.....*		2	10	1-32	17	1.9	17,616	3.52	620		0	32	+880	-.07	+22	+41
10-11-62 1179372 5263477 5-71					14		14,919	3.72	555							
1438032 CRESTON CROWN MAJESTY.....*		5	13	2-32,35	22	1.8	12,903	3.54	457		6	32	-29	-.01	-2	-2
11-20-62 1121323 4663071 5-71					12		12,892	3.59	463							
1438080 IOEOGRAPH SKOKIE 8LACK SPAOE..	93-16	16	43	2-92,93	273	1.1	17,056	3.80	648		3	66	+911	-.01	+32	+50
12-24-62 1199324 4998035 5-71					58		15,863	3.85	610							
1438093 STRICKLER PERSEUS RO8IN.....		3	30	1-48	42	1.8	17,233	3.73	642		3	33	+154	+.05	+12	+14
11-04-62 010260599 5026201 5-71					25		17,075	3.60	615							
1438095 STRICKLER PERSEUS CHARMER.....		1	39	1-48	39	2.1	15,855	3.58	567		3	28	+477	-.02	+15	+25
01-03-63 010260599 5012818 5-71					9		14,141	3.63	514							
1438116 PERRIN-WAY IVANHOE GENERAL....*		4	8	1-32	16	1.4	12,177	3.67	447		60	31	-740	-.02	-29	-43
01-06-62 1189870 4426031 5-71					12		14,679	3.74	549							
1438161 LUKLANO SKYLINER RAVEN.....*		1	10	1-34	10	1.9	15,843	3.76	596		11	21	+193	+.01	+9	+12
12-03-62 1244845 4482188 5-71					12		15,045	3.72	560							
1438166 REYNOLANO SEGIS WORTHY.....*	21-10	43	1	2-13,21	43	1.9	15,251	3.49	533		18	73	+383	-.07	+4	+13
10-03-62 1124780 4406022 5-71					21		14,809	3.58	530							
1438200 PAUL FARM HE-MAN.....*		4	9	1-32	20	2.1	16,000	3.56	569		13	37	+559	-.01	+18	+29
07-29-62 1237057 3911264 5-71					8		14,544	3.58	521							
1438243 8EASLEYS NO8LE LEAOER.....		1	29	1-63	29	1.8	11,851	3.46	410		11	26	-422	+.04	-10	-19
12-27-62 1235894 5096761 5-71					14		13,434	3.31	445							
1438247 MAR-RIOGE 8USTER TRIUNE.....*		9	14	4-43,47,	32	1.9	14,376	3.55	511		13	40	+218	-.02	+5	+10
08-01-62 1297169 3479104 5-71				48,73	29		13,820	3.61	499							
1438248 MAR-RIOGE TRIUNE SUPER8.....*		1	14	1-48	14	2.6	12,654	3.33	422		0	25	+127	-.01	+3	+6
11-25-62 1297169 4830123 5-71					17		11,952	3.36	402							
1438253 8EACON MAJESTY 8U88LES.....*		4	5	2-21,32	12	1.6	14,558	3.63	528		29	32	-221	+.04	-3	-8
01-19-63 1293580 3849266 5-71					20		15,396	3.54	545							
1438285 PACLAMAR CAPITAINE.....*		15	12	8-31,34,	47	1.8	17,424	3.44	600		4	53	+1,203	-.07	+33	+59
09-25-62 1144239 3818879 5-71				45,46,84	23		15,275	3.55	542							
1438286 KNOLLTOP COMMANOER MARION.....		1	25	1-34	25	2.0	15,873	3.24	514		17	26	-60	-.06	-11	-11
12-29-62 1340669 4899045 5-71					12		16,349	3.46	566							
1438299 GRAF ACRES SIR PONTIAC.....*		3	19	1-34	38	1.8	13,740	3.79	521		7	39	-467	+.01	-15	-25
11-30-62 1397752 5062616 5-71					38		15,040	3.78	569							
1438332 GREEN PASTURES TY-KING.....	91-13	75	8	3-91,92,	192	1.6	16,019	3.52	564		13	85	+853	-.09	+17	+36
11-29-62 923749 2790993 5-71				93	24		15,131	3.63	549							
1438339 SANOYLANO FONO ROXANNE.....*		2	15	2-43,48	17	1.1	11,723	3.74	439		8	22	-235	+.03	-5	-10
11-29-62 1243697 3679597 1-71					78		12,653	3.67	464							
1438349 CACHE ACRES ARGYLE CHIEF.....*		1	24	1-93	24	1.7	13,072	3.71	485		14	25	-266	+.04	-4	-10
12-03-62 1324830 4519901 5-71					82		14,165	3.57	505							
1438354 8AILANO MASTER RAVEN.....*		2	19	1-82	21	2.0	15,221	3.34	509		19	26	-84	-.02	-6	-7
09-03-62 1305460 4190872 5-71					22		15,720	3.43	539							
1438365 8RIGEEN CHIEF WARRIOR.....*		5	52	2-12,13	60	1.9	13,435	3.57	479		22	31	-388	.00	-14	-22
03-02-63 1397517 4391334 5-71					22		14,797	3.58	530							
1438382 LEWTAH JOYCE GRAY VIEW.....*		1	13	1-87	13	2.7	17,282	3.65	630		0	25	+200	-.01	+6	+10
08-07-62 1172396 3832005 5-71					17		16,759	3.68	617							
1438408 FAIRWOOO REFLECTOR PRIOE.....*		2	14	1-23	16	1.9	15,387	3.79	583		23	26	-6	-.06	-9	-8
08-19-62 1298430 4496370 5-71					31		15,577	4.08	635							
1438413 RUTHANOEL GRACIOUS MOSE.....*		4	5	3-42,43,	12	1.4	15,238	3.35	511	**	30		+182	-.05	0	+5
11-09-62 1392380 4322302 5-71				71	13		14,704	3.50	515							
1438415 SPREUSVIEW 8ESSIE AOMIRER.....*		2	18	1-21	20	1.9	15,200	3.51	533		20	26	-90	+.02	-1	-3
12-29-62 1214152 4115424 5-71					37		15,725	3.45	543							
1438416 GOLOEN OAKS CHAMPION 8OY.....*		2	19	1-33	21	2.1	14,112	3.42	482		10	27	-99	.00	-4	-6
11-07-62 1282185 3417733 5-71					29		14,544	3.43	499							
1438417 RUSTLING-8ROOK TO8 SOVEREIGN..*		1	13	1-31	13	1.7	14,419	3.70	534		17	22	-41	-.01	-3	-4
02-18-63 1298831 4443536 5-71					39		14,683	3.79	557							
1438423 MAPLE LANE DALE ECHO.....		4	14	2-41,47	30	2.6	14,461	3.66	529		4	42	-66	+.02	0	-2
03-24-62 1268689 5201401 5-71					20		14,696	3.61	531							
1438450 OE CHARO PEARL EXPLORER 8EA...*		1	11	1-34	11	2.6	15,707	3.40	534		18	24	+140	-.04	0	+4
05-04-62 1338191 4931882 5-71					28		15,239	3.54	539							
1438483 TALOGA JEEP CRESCENT OIXIE....*		9	1	1-73	11	1.6	12,542	3.37	423		45	38	-654	-.02	-26	-39
03-05-63 1342819 4266566 5-71					15		14,286	3.44	492							
1438486 FRIESEN AOMIRAL OUKE.....*		2	6	1-42	11	2.8	13,232	3.65	483		9	32	+103	+.04	+10	+11
05-17-62 1237057 4394543 5-71					5		12,789	3.47	444							
1438492 GREEN MEAOOW NUGGET.....*		1	13	1-33	13	1.8	8,562	3.91	335		**	22	-284	+.05	-3	-10
12-21-62 1303180 4298692 5-71					12		9,389	3.60	338							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1438513 RUSHMERE TRIUNE PILOT.....*		1	14	1-35	14	1.9	14,788	3.56	527	21	23	-168	-.04	-11	-13
09-23-62 1370467 4925941 5-71					16		15,700	3.75	589						
1438529 HOWARD FARM KING DALE.....*		4	9	3-32,33,	14	1.4	14,307	4.00	572	21	27	-248	+.07	0	-6
11-01-62 1190632 3138393 5-71				61	12		15,377	3.80	584						
1438533 OON AUGUR CARNATION ROYAL JOJO*	35-75	11	13	1-21	45	2.4	19,814	3.38	669	8	52	+820	-.10	+15	+34
04-01-62 1305460 4051738 5-71					27		18,721	3.50	656						
1438534 DON AUGUR VIOLET PROMISEO LAD.*		4	35	2-22,23	41	2.1	17,326	3.59	622	15	30	-186	-.05	-13	-16
05-03-62 1404788 4767302 5-71					17		18,386	3.74	688						
1438535 LOCKWAY ELMER IVANHOE-TWIN....*	91-13	3	7	1-23	10	1.6	15,856	3.84	609	22	25	+240	+.02	+12	+16
04-04-62 1189870 4482901 5-71					80		14,987	3.78	566						
1438575 LAFAR O VENUS SKYRIDER.....*		5	3	2-31,48	11	1.8	13,313	4.14	551	18	33	-259	+.16	+12	+3
01-03-63 1244845 4048077 5-71					18		14,109	3.66	517						
1438622 INGLIS TOPMAN 8URKGOV.....	52-01	107	2	7-21,51,	178	1.5	14,839	3.65	542	11	90	+141	+.06	+13	+14
12-16-62 1038509 4580454 5-71				52,54,55	28		14,764	3.59	530						
1438636 GLEN COVE ENVOY.....*		8	2	2-21,23	14	2.4	14,971	3.69	553	20	45	+38	+.04	+7	+7
08-24-62 1321197 3581905 5-71					23		14,991	3.60	540						
1438654 TEXANA DAN IVANHOE.....*		1	11	1-23	11	2.1	14,463	3.85	557	0	23	-20	+.01	0	-1
10-17-62 1189870 4311487 5-71					26		14,625	3.87	566						
1438662 ORMS8Y MOUNTWOOD SKOKIE.....*		2	15	2-42,52	17	1.6	14,497	3.76	545	0	25	+166	+.06	+14	+16
11-23-62 1276725 4064342 5-71					46		13,814	3.53	488						
1438684 MACSFARM SILVER COLONEL ECHO..*		3	11	2-21,23	15	2.3	12,903	3.54	457	**	29	-217	+.01	-7	-11
08-12-62 1258654 4356856 5-71					22		13,633	3.53	481						
1438689 DIAMOND KATE.....		2	18	1-42	23	1.8	14,096	3.63	512	0	29	-24	+.02	+2	+1
08-02-62 1278459 4332516 5-71					11		14,207	3.56	506						
1438693 LUTRES SKYLINER MERCEDES.....*		1	26	1-42	26	1.8	13,865	3.70	513	0	25	-23	-.01	-2	-2
09-15-62 1244845 4694812 5-71					33		13,963	3.78	528						
1438701 LOCKWAY LEWIE LUCIFER.....*		5	8	2-23,56	16	2.1	14,352	3.69	529	13	33	-49	-.02	-5	-5
08-30-62 1336494 4638754 5-71					82		14,564	3.80	553						
1438702 LOCKWAY PA8ST LUCIFER.....*		11	4	4-21,23,	19	1.9	14,272	3.59	512	23	45	-231	-.03	-12	-16
07-09-62 1165012 4641843 5-71				51,52	20		14,883	3.66	544						
1438706 INWOOD HOMESTEAD STANDOUT.....		2	32	1-35	34	1.9	14,568	3.71	541	0	28	+154	+.02	+8	+11
10-18-62 1331551 3807495 5-71					5		14,021	3.67	515						
1438721 OAKWOOD ADMIRA8LE ZEUS JERRY..*		3	9	1-61	12	2.4	16,613	3.40	565	9	28	+283	-.05	+3	+10
10-24-62 1237057 5118500 5-71					32		15,780	3.54	559						
1438728 IDA-ROYAL REFLECTION OE KOL...*		1	13	1-82	13	1.8	13,910	3.67	511	8	22	+40	+.01	+3	+4
10-01-62 1321903 4945217 5-71					23		13,706	3.62	496						
1438747 DIAMOND J DUSTY A88OTT.....		1	67	1-93	67	1.0	16,279	3.40	554	13	24	-273	+.04	-5	-11
01-01-63 1205185 4573310 5-71					322		17,818	3.31	589						
1438749 DIAMOND J DUSTY MARVEL.....*	93-15	6	19	2-91,93	38	1.6	16,479	3.56	586	17	38	+231	.00	+8	+13
01-21-63 1205185 3512595 5-71					173		16,083	3.56	573						
1438754 REDDING SKYLINER DUKE.....*		2	15	1-32	17	1.8	16,518	3.64	601	22	25	+108	-.01	+3	+5
09-02-62 1244845 4852664 5-71					14		16,330	3.66	597						
1438758 COUNCIL ROCK AOMIRAL STYLIST..*	33-03	328	3	31-21,23,	513	1.5	15,692	3.43	539	11	96	+996	-.17	+10	+34
11-22-62 1237057 2778890 1-71				31,41,93	31		14,731	3.60	531						
1438788 TOGUS MAVIEW PA8ST.....*		2	15	2-35,91	17	1.4	12,613	3.69	466	19	24	-153	.00	-6	-9
01-09-63 1181029 4672477 5-71					10		13,186	3.77	497						
1438794 ST CROIXCO PRAIRIE LU.....		1	27	1-35	27	1.9	17,445	3.53	616	6	26	+274	.00	+10	+15
08-27-62 1291499 3836633 1-71					8		16,657	3.51	585						
1438798 STEVEHOLM CHIEF MIKE.....*		10	3	3-11,12,	21	1.4	12,584	4.07	512	0	48	-1,003	+.19	-12	-36
01-31-63 1397517 4877827 5-71				16	22		14,738	3.68	543						
1438813 A 8 C FINALE.....*	35-03	6	12	5-35,65,	21	2.2	15,050	3.52	530	11	35	+56	-.03	-2	0
07-10-62 010198998 011247185 5-71				73,74,86	20		14,994	3.63	544						
1438822 OLLIE PA8ST MOUNTWOOD.....		1	16	1-42	16	2.4	14,953	3.72	556	0	26	-54	+.02	+1	-1
07-16-61 1182598 3119173 5-71					43		15,303	3.64	557						
1438823 PIETERTJE HOMESTEAD GOMAR.....		1	21	1-42	21	2.4	16,455	3.54	583	14	26	+287	-.03	+6	+12
09-13-62 1241889 2931582 5-71					38		15,523	3.65	567						
1438868 WOOOSIOE FARM ILEX SEGIS.....*		1	14	1-21	14	3.5	17,631	3.26	574	0	27	+280	-.02	+7	+13
10-06-62 1213164 4177736 5-71					56		16,893	3.29	555						
1438898 HARMONY-VALLEY PRIOE DYNAMITE.		3	10	1-35	23	1.9	16,554	3.54	586	0	39	+350	-.07	+2	+11
11-19-62 1237057 3845733 5-71					20		15,842	3.72	589						
1438908 STRICKST RUSTY IVANHOE.....*		1	11	1-23	11	1.3	16,416	3.54	581	0	20	+156	-.07	-4	+1
04-02-62 1189870 4733634 9-70					13		15,800	3.92	620						
1438920 VERMEER 8EETS LEADER.....*		2	18	1-42	20	2.5	17,556	3.63	638	16	28	+195	-.01	+5	+9
12-20-62 1290204 4220575 5-71					11		17,177	3.69	634						
1438926 8ARRETT RANCH CHARMER.....*		5	20	2-11,12	30	1.8	15,433	3.60	556	4	33	-97	-.03	-8	-9
01-01-63 1254887 3964148 5-71					28		15,929	3.72	592						
1438946 FALSONS NO8LE DAN.....		1	36	1-42	36	2.4	13,021	3.95	514	6	29	-253	+.03	-5	-11
01-24-62 1175509 4405027 5-71					6		13,908	3.86	537						
1438954 SRD DOT PRIDE.....*		3	16	1-74	21	1.8	14,691	3.40	500	0	30	-185	+.01	-5	-9
07-30-62 1377492 3724676 5-71					88		15,470	3.37	521						
1438955 KNOTTY OAK MAJOR DIAMOND.....*		1	16	1-14	16	2.1	15,100	3.54	534	6	25	+79	-.02	0	+2
02-28-63 1403992 4959108 5-71					27		14,873	3.63	540						
1438957 COCHRAN IVANHOE OANDY.....*	33-03	11	18	1-21	62	1.8	15,150	3.94	597	2	53	-138	+.19	+21	+14
12-29-62 1189870 4169998 5-71					18		15,577	3.62	564						
1438976 LILAC HILL HIGH MARK.....*		1	23	1-35	23	1.6	12,848	3.77	484	10	24	+73	.00	+2	+4
01-01-63 1292880 5029615 5-71					6		12,390	3.80	471						
1438991 HICKORY NUT JOAT ORMS8Y KING..*		2	34	1-31	36	2.2	15,591	3.77	588	11	29	+231	+.01	+10	+14
02-05-63 1257239 4002174 5-71					8		14,892	3.75	559						
1438992 MCKIB8ENS LEAOER.....		1	12	1-41	12	1.3	11,887	3.77	448	0	20	-134	+.04	0	-3
02-15-63 1242338 4910200 5-71					4		12,417	3.58	444						
1439002 FARMCREST KT AOMIRAL FO6ES....*		1	13	1-93	13	1.7	13,702	3.20	439	18	22	-123	-.04	-10	-11
02-20-63 1381711 3804958 5-71					53		14,294	3.42	489						
1439007 JOLIAM CICERO.....		2	7	1-35	10	1.1	10,091	3.45	348	22	22	-528	-.03	-23	-33
01-06-63 1249795 5298315 1-71					13		12,357	3.68	455						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1439016 TARTEX GRAY SKYLINER.....*		1	11	1-74	11	1.6	14,393	3.38	486	10	21	-193	-.01	-9	-12
01-13-63 1244845 4379838 5-71					11		15,489	3.46	536						
1439017 DORUTH MAE SEILING MAUR-LINO..*		4	4	1-93	13	2.1	13,162	3.83	504	**	36	-589	+.13	-4	-19
11-17-61 010250735 5538114 5-71					30		14,885	3.49	519						
1439049 HAYSSEN ROBINHOOO.....*		1	19	1-35	19	1.9	15,590	3.68	573	0	25	-258	-.01	-10	-15
03-01-63 1250992 4935706 5-71					11		16,940	3.72	631						
1439051 VERPANA FARM REGIUS CROSS.....	91-13	235	5	8-81,82,	664	1.4	14,098	4.06	573	13	96	-1,077	+.50	+26	-6
09-20-62 1378594 3262462 1-71				87,91,92	26		15,366	3.59	551						
1439068 RUSS-LANE RE-CHARITY REGAL....*		2	8	2-41,42	11	2.6	12,326	3.52	434	11	28	-131	+.02	-2	-5
12-27-61 1190953 4071541 5-71					9		12,679	3.45	437						
1439087 COP-LEA INKA BURKE.....*		10	4	3-16,23,	18	2.2	14,446	3.64	526	6	46	-193	-.07	-17	-19
02-15-63 1298430 4837103 5-71				51	16		14,967	3.82	571						
1439094 BOWMANOR PILOT JERRY.....*		1	14	1-21	14	1.4	13,211	3.38	446	**	21	+195	-.04	+2	+7
03-06-63 1401298 4433261 5-71					8		12,105	3.54	429						
1439097 BLEND BURKE AOA IMPERIAL.....	48-01	111	5	1-48	284	1.7	15,009	3.54	531	16	91	+681	-.04	+19	+33
03-09-62 1085978 4653171 5-71					24		14,300	3.57	511						
1439106 BROWNSON PRIDE AOMIRAL.....		1	11	1-34	11	2.0	13,086	3.73	488	25	22	-135	+.04	0	-4
12-11-62 1237057 4885926 5-71					3		13,682	3.57	488						
1439109 DODROD POND MASTER OEAN.....*		8	5	5-32,34,	18	1.4	14,062	3.68	517	24	38	-209	.00	-7	-11
11-20-62 1342919 4581859 5-71				35,51,74	28		14,689	3.69	542						
1439118 LAVACRES SOVEREIGN SHANE.....*	93-10	5	6	1-93	17	1.4	13,461	3.71	500	13	36	-743	+.04	-21	-37
02-01-63 1382958 3691931 5-71					33		15,722	3.62	569						
1439119 LAVACRES SOVEREIGN STALWORTH..		2	17	1-93	19	1.8	16,895	3.60	608	0	26	+298	+.02	+13	+19
03-23-63 1382958 4806310 5-71					56		15,945	3.55	566						
1439132 WHITTIER-FARMS PABST TUTT-TWIN*		6	2	1-14	10	3.4	15,189	3.60	547	11	38	-219	-.03	-12	-16
03-21-61 1098258 3822538 5-71					20		15,966	3.70	590						
1439142 HAYSSEN D V DVATION.....*		7	14	5-33,35,	24	1.5	15,593	3.30	514	13	33	-122	-.06	-13	-14
01-01-63 1309948 5176629 5-71				41,73,85	20		16,197	3.48	563						
1439146 VEE KNOLL TIDY JIM.....*		1	12	1-21	12	2.6	14,027	3.24	455	14	24	-120	-.04	-10	-11
04-08-62 1330683 4381824 5-71					48		14,589	3.42	499						
1439164 GENEGIANT CONFIDENT UNIVERSE..	35-75	18	1	8-21,35,	20	2.6	15,885	3.66	581	5	58	+473	+.03	+22	+31
03-21-63 967873 5225517 5-71				55,91,93	23		15,189	3.61	548						
1439173 DA-CO-TON TRIUNE PRINCE.....*		4	26	1-46	33	1.4	12,808	3.99	511	26	28	-576	+.06	-13	-26
08-31-62 1365953 5111738 5-71					7		14,940	3.80	568						
1439179 CODLIDGE ZEUS DORA HILEX.....*		1	14	1-86	14	1.9	12,975	3.79	492	50	23	-414	+.04	-9	-18
06-12-62 1213164 4325069 1-71					40		14,918	3.61	538						
1439180 WINOY MONT BELLE BOY.....*		6	8	1-23	17	1.8	13,965	3.69	516	23	35	-522	-.01	-20	-30
02-14-62 010262153 4788232 5-71					15		15,636	3.74	585						
1439192 FULTON FARMS TIDY TOM.....*		10	3	3-52,54,	16	1.9	14,267	3.46	493	0	45	-185	-.04	-12	-15
12-17-62 1189679 4130384 5-71				55	17		14,765	3.54	523						
1439204 BEAN-PATCH SKYLINE FRANKIE....*		2	15	1-13	17	1.8	15,778	3.75	591	29	25	-113	-.01	-5	-7
07-03-62 1244845 4416060 5-71					17		16,484	3.80	627						
1439231 VENIDA RD VAR ROLLER.....		2	41	1-91	43	2.0	14,998	3.60	540	7	29	+139	-.01	+4	+7
02-07-63 1172655 4920049 5-71					67		14,577	3.64	530						
1439241 BLY FARM HI HOPE BURCAR.....*		2	15	1-21	17	2.2	13,861	3.46	479	6	27	-287	-.03	-14	-19
12-29-62 1250992 4686032 5-71					29		15,025	3.58	538						
1439245 DIAMOND J VAR OUSTY TULSAN....		1	17	1-93	17	1.0	17,314	3.58	619	**	20	-66	+.02	0	-2
03-23-63 1355529 4827616 5-71					82		18,057	3.53	638						
1439256 MOORE VIEW IMPROVER.....*		1	25	1-35	25	1.9	14,721	3.53	520	9	25	+64	-.02	0	+2
09-18-62 1391477 4535426 5-71					32		14,527	3.63	528						
1439259 SUNNYDECK CREAMELLE SKYLINER..*		5	7	1-91	22	1.3	14,586	3.59	523	0	39	-208	+.05	0	-5
10-10-62 1244845 3919770 5-71					37		15,246	3.44	525						
1439260 SUNNYDECK HEILD CRITERION.....*		7	9	1-91	33	1.9	14,735	3.48	513	0	49	-211	+.03	-4	-9
11-12-62 1244844 4864366 5-71					32		15,300	3.44	526						
1439282 BURKE PRINCE SEGIS.....*		2	8	1-52	15	1.9	16,849	3.35	565	8	32	+280	-.04	+5	+11
07-15-62 1394612 5138691 5-71					14		16,190	3.42	553						
1439322 KNOLLSIOE CAPITAINE ROYAL.....*		1	13	1-41	13	2.1	13,885	3.48	483	14	24	+98	-.03	-1	+2
01-04-63 1395847 4999979 5-71					10		13,414	3.67	492						
1439326 KNOLLSIOE CAPITAINE GEORGE....		2	15	1-41	19	1.7	14,602	3.31	483	43	26	+23	-.07	-9	-7
03-07-63 1395847 4777999 5-71					8		14,580	3.59	523						
1439330 FROSTHOLM HARTOG SENATOR-TWIN.*		1	15	1-41	15	1.5	14,727	3.67	541	27	22	+32	+.03	+6	+6
03-17-63 1376402 3579063 5-71					14		14,650	3.52	516						
1439342 GLAOTIME ROBURKE BURKGOV.....*		1	13	1-21	13	1.7	16,886	3.19	539	18	22	+442	-.07	+6	+16
11-04-62 1038509 4242270 5-71					33		14,983	3.44	515						
1439387 MARDY ORMSBY OUKE CAPTAIN.....*		5	7	2-21,47	13	1.2	12,749	3.73	475	54	28	-171	+.04	-1	-5
12-01-62 1348275 3547155 5-71					23		13,302	3.61	480						
1439389 AJRF IOENA JUNIOR BYOAWN.....*		2	20	1-93	22	2.1	14,507	3.67	532	20	27	-433	+.02	-13	-22
10-28-61 1291500 4600733 5-71					176		16,343	3.63	593						
1439452 CHANCELLOR OUSTY JUSTIN-TWIN..*		1	17	1-55	17	2.5	13,197	3.52	465	7	26	+194	-.02	+4	+8
10-31-62 1217639 4228946 1-71					15		12,274	3.60	442						
1439459 AJAY O K ZEUS PARO.....*		2	8	1-23	10	1.0	11,944	3.73	445	11	20	-223	+.02	-5	-10
07-25-62 1348456 4268492 5-71					7		13,001	3.65	474						
1439492 ROLINOA IRENE IKE AOMIRAL.....		1	13	1-93	13	1.9	14,961	3.37	504	23	23	-53	-.04	-7	-7
01-21-63 1283232 4674815 5-71					95		15,334	3.55	545						
1439511 SEQUOIA IOEAL STAR.....*		54	1	2-23,50	59	1.9	14,217	3.67	522	4	78	+189	-.05	0	+5
10-11-62 1274923 4748412 5-71					16		13,978	3.76	526						
1439523 KINGSTEAO LAST CHAMPION.....*		1	12	1-52	12	2.5	12,396	3.99	495	0	24	+28	+.04	+7	+7
12-23-62 1024856 4961324 5-71					31		12,093	3.82	462						
1439549 SKOKIE TIDY OUKE.....	93-02	4	40	1-93	56	1.0	16,340	3.65	596	**	30	+359	+.02	+16	+23
10-19-62 1288610 3869118 5-71					247		15,255	3.57	545						
1439565 BRIOGER JACK AOMIRAL.....		2	10	1-81	12	1.3	16,045	3.61	580	40	22	-13	+.03	+4	+3
06-15-62 1237057 4295850 5-71					15		16,351	3.47	567						
1439585 CAPTAIN THACKERS LULLABY.....		1	14	1-55	14	2.2	15,489	3.49	540	8	24	+91	-.05	-4	-1
02-15-62 1144239 4650266 5-71					20		15,244	3.73	568						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	% MILK	FAT	$$
1439610 EM BEE OANOY LAD.....*		5	5	1-35	17	1.3	14,109	3.59	506	31	38		-78	-.02	-6	-7
10-12-62 1390843 4824929 5-71					17		14,360	3.66	526							
1439614 KIM-LYN MAGICIAN TRICKSTER....*		1	10	1-31	10	2.5	12,202	3.65	445	**	23		-350	-.01	-14	-21
04-15-61 1138451 4246534 5-71					11		13,728	3.72	511							
1439617 YODER OALE MODEL FOBES.....*		3	22	2-32,34	26	2.3	16,189	3.55	574	17	30		+154	-.03	+2	+6
11-03-62 1216668 4854390 5-71					16		15,861	3.62	574							
1439637 WISCORI PROGRESSOR TONY.....*		2	10	1-35	12	1.6	13,215	3.80	502	0	23		+195	+.01	+9	+13
03-26-62 1303855 4219260 5-71					24		12,208	3.75	458							
1439673 KODI PRIDE BEMAC.....*		6	13	2-84,87	41	2.1	13,982	3.62	506	6	49		-182	+.07	+3	-2
11-18-62 1376340 4192710 5-71					17		14,401	3.47	499							
1439692 NEMAHA LEE.....*		6	12	4-32,48,	22	2.2	12,032	3.89	468	22	35		-572	+.08	-10	-23
04-22-61 1261357 3855784 5-71				73,74	44		13,649	3.65	498							
1439709 JANLEE SKOKIE NOEL.....*		7	2	1-74	13	1.2	15,291	3.39	519	25	37		+93	-.02	0	+2
10-18-62 1315498 4571559 5-71					26		15,164	3.46	524							
1439795 SLEEPY HOLLOW ROYAL LOU.....		1	29	1-93	29	1.3	18,284	3.63	663	**	24		-49	+.02	+1	0
01-16-63 1252231 4782148 5-71					7		19,002	3.57	678							
1439813 RDBTHOM MONARCH AUDACIOUS.....*		2	9	2-43,86	11	2.1	13,080	3.63	475	0	25		+48	+.04	+8	+8
02-20-63 1237747 3585454 5-71					14		12,767	3.43	438							
1439849 ELLBANK ORMSBY LEADER PAUL....*		2	49	1-47	55	1.8	12,830	3.36	431	6	30		-20	-.03	-5	-5
01-25-62 1150470 4265145 5-71					40		12,786	3.47	444							
1439867 ZION MEADOWS GENERAL BIMBO....*		1	12	1-51	12	2.0	13,006	4.13	537	36	22		-352	+.04	-7	-15
01-04-63 1215402 4545660 1-71					34		14,659	3.96	580							
1439871 STANALEA WAY COUNT.....*		2	14	1-21	16	1.7	14,149	3.59	508	0	25		+96	+.03	+8	+9
01-13-63 1252934 4328931 5-71					9		13,749	3.45	474							
1439894 MAVIEW MARION FERN SIDE.....		2	11	1-11	19	2.3	15,544	3.76	585	6	35		+98	+.05	+11	+12
03-04-63 1303347 3617497 5-71					52		15,406	3.63	559							
1439896 LEJAPA HEIGHTS MAGELLAN.....		1	41	1-63	41	1.7	12,594	3.48	438	8	27		+26	-.03	-3	-2
01-01-63 1138451 5373696 5-71					13		12,334	3.62	447							
1439938 GRAY VIEW X RENOWN.....*		3	10	1-34	20	1.8	15,023	3.85	579	28	34		-116	+.05	+3	-1
12-21-62 1378594 4194681 5-71					42		15,527	3.72	578							
1439939 MAPLEWOOD LANE MAPLE.....		2	17	2-33,35	24	2.0	14,697	3.62	532	14	31		+566	.00	+20	+31
10-18-62 1385036 4448454 5-71					21		12,746	3.65	465							
1439959 BURKE IDEAL REFLECTOR.....		5	9	2-48,73	21	3.0	14,879	3.51	522	0	41		-13	-.03	-4	-4
04-19-61 1381027 4332795 5-71					27		15,021	3.58	538							
1439970 MEADOWFARM TRANSMITTER TRICE..*		6	10	1-52	20	1.7	15,354	3.72	571	6	34		-49	+.01	0	-1
11-30-62 1383759 4132043 5-71					22		15,678	3.70	580							
1439984 HOPPMANS PONTIAC LADYS MAN....*		8	7	2-35,85	19	1.8	16,343	3.35	548	6	39		+501	-.04	+12	+23
02-04-63 1397752 4548845 5-71					78		15,182	3.42	519							
1440035 RONELEE GRANDIER CHANCELLOR...*		2	7	1-91	13	2.1	16,325	3.48	568	17	32		+451	-.06	+7	+18
11-08-62 1277619 5035607 5-71					28		15,004	3.67	551							
1440041 MAYLEANNE VIKING PAT.....*		4	6	2-12,16	13	2.2	14,552	3.81	555	30	34		-189	+.06	+1	-4
07-20-62 1229968 3348929 5-71					32		15,251	3.65	557							
1440054 ORURY-LANE COL RAVEN JOHN GLEN*		3	23	1-81	29	2.5	15,309	3.16	483	11	32		-12	-.04	-6	-5
07-01-62 1330936 4634035 5-71					16		15,507	3.25	504							
1440065 ROCKAWAY ROBURKE SKYLINER.....*		2	6	1-13	10	1.5	10,221	3.88	397	0	25		-113	+.02	-2	-5
01-25-63 1244845 4598110 1-71					22		10,311	3.86	398							
1440089 ORMSBY TRAILWOOD KING.....		1	14	1-48	14	2.0	12,354	3.44	425	11	24		-39	-.03	-6	-6
09-24-62 1235097 5382717 5-71					34		12,368	3.62	448							
1440095 JEANQUART HI HOPE SILVER.....*		1	11	1-35	11	1.8	14,178	3.31	469	**	21		+82	-.06	-5	-2
12-10-62 1250992 3611513 5-71					12		13,778	3.59	494							
1440098 LILAC HILL ADMIRAL BURKGOV....*		3	28	1-33	34	2.2	14,501	3.52	511	13	31		+384	-.07	+4	+13
02-23-63 1237057 5029614 5-71					14		13,167	3.79	499							
1440103 CANARY ROYAL REMER.....*		2	8	2-41,74	11	2.5	15,906	3.48	553	0	28		+103	-.01	+2	+4
10-21-62 1289589 4221140 5-71					16		15,710	3.49	549							
1440109 RAVEN ZARNOWSKI PABST.....*		3	17	1-48	25	2.0	13,003	3.95	513	14	33		-250	+.07	+1	-6
11-28-62 1249423 3047151 5-71					9		13,755	3.71	510							
1440122 REGAL ROBURKE TRIPLE-DIAMOND..*		3	16	1-42	20	2.8	14,124	3.98	562	0	30		+236	+.06	+17	+20
09-11-61 1220204 5117689 5-71					12		13,283	3.82	507							
1440135 HORSE PEN HILL MUSIC MAN.....*		3	15	2-11,13	23	2.7	16,451	3.67	603	10	35		+232	-.02	+5	+10
09-26-62 1393736 3996742 5-71					26		15,989	3.73	597							
1440137 ILLIANNA SKYLINER.....*		4	13	1-42	24	1.3	13,557	3.61	489	8	32		-141	+.04	0	-4
10-14-62 1244845 2959205 5-71					17		14,002	3.51	492							
1440138 STEILACOOM PHOEBE LEADER.....*		1	12	1-91	12	2.4	16,433	3.30	542	0	24		-7	-.06	-9	-8
02-05-63 1283309 3907691 5-71					86		16,745	3.54	592							
1440141 SUE-LYNN CENTURION ACTIVATOR..*		1	10	1-34	10	2.0	13,308	3.49	464	40	21		-172	.00	-6	-9
09-11-62 1353172 4849871 5-71					22		14,140	3.51	496							
1440192 EHR-DALE IVANHOE PROMISE.....*		3	10	1-21	20	2.0	14,902	3.57	532	**	36		+7	-.01	-1	-1
06-25-62 1189870 5062719 5-71					50		14,987	3.62	543							
1440194 CITATION TEXAL CHAMPION.....*		3	7	2-82,85	15	2.1	16,133	3.53	570	15	33		+189	-.01	+5	+9
09-27-61 1492073 011392205 5-71					43		15,741	3.55	559							
1440198 RICH-HERD TEXAL TRADEMARK.....*		53	21	15-21,23,	216	2.1	14,072	3.84	540	11	78		-624	+.08	-12	-26
10-29-62 1138451 4307922 5-71				51,54,85	31		14,979	3.75	562							
1440204 ORMSBY SUPREME WALLIE.....		1	28	1-42	28	1.5	13,528	3.40	460	30	25		-176	.00	-6	-10
03-22-63 1241914 4904829 5-71					7		14,280	3.40	485							
1440251 SLEEPY HOLLOW KING LADDIE.....		1	20	1-93	20	1.2	19,051	3.64	693	**	22		+326	-.02	+9	+16
02-06-63 1284716 4372916 1-71					8		17,964	3.71	666							
1440254 SCHAFFERLAND TIDY OLEY.....		1	19	1-41	19	1.0	15,564	3.49	543	**	21		+47	-.01	0	+1
01-09-63 1292482 4253728 5-71					7		15,488	3.54	548							
1440267 PALM SKY ORMSBY LINER.....*		2	9	1-34	15	2.1	14,557	3.45	502	9	31		-6	-.03	-4	-3
10-30-61 1244845 4600335 5-71					26		14,650	3.54	518							
1440269 SWAMPY HOLLOW R A CHAMPION....*	23-11	41	2	2-22,23	52	1.9	13,252	4.03	534	16	75		-1,068	+.24	-8	-34
03-10-63 1342656 3890656 5-71					20		14,759	3.73	551							
1440309 ST CROIXCO PRAIRIE METRO.....*		8	13	2-21,84	40	1.9	15,032	3.49	524	14	47		-112	-.02	-7	-9
03-17-62 1291499 4064646 5-71					18		15,421	3.54	546							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1440334 TOPEER-A SUN DANCE CHIEF.....*		2	9	1-21	11	2.5	18,621	3.87	720		9	26	+268	+.04	+16	+20
02-24-63 1371179 3145353 5-71					33		17,977	3.76	676							
1440352 DORCIS ADMIRAL PRINCE.....*		11	8	1-42	23	2.0	13,245	3.58	474		5	43	-111	-.01	-6	-8
01-08-63 1237057 4289977 5-71					16		13,459	3.63	488							
1440355 CHEAT-HAM PRIDE ADMIRAL-TWIN..*		2	8	2-57,58	10	2.0	15,941	3.24	517		13	24	+231	-.06	0	+6
12-13-62 1237057 3891678 5-71					25		15,088	3.43	517							
1440369 LAVACRES SOVEREIGN PAGE.....*		9	12	4-48,71,	32	2.0	14,613	3.73	545		23	45	-232	+.05	-2	-8
01-04-63 1382958 4616594 5-71				73,93	58		15,268	3.65	558							
1440390 FORT HILL CHEM DON.....	21-10	41	1	3-13,16,	42	1.9	14,640	3.58	524		21	72	-343	.00	-12	-19
12-04-62 1049547 4212290 5-71				21	22		15,247	3.59	547							
1440398 HAR-MAR HAYSSEN HI.....*		2	27	1-21	29	2.5	15,986	3.84	614		0	29	+62	+.06	+10	+10
04-07-62 1250992 4056119 5-71					22		15,977	3.68	588							
1440437 Y PARK ROYAL AMOS.....*		4	6	1-73	11	1.6	13,724	3.49	479		14	27	-73	-.01	-4	-5
08-26-61 1341521 4895644 5-71					15		14,004	3.56	498							
1440453 FALLING STAR ELEVATION BENNY..*		1	10	1-31	10	2.2	12,596	3.47	437		22	22	-500	-.01	-20	-30
11-11-62 1271810 4655987 5-71					19		14,956	3.57	534							
1440463 WOODFORD SIWON POLYBELL.....*		4	9	1-55	14	2.2	12,783	3.61	461		23	30	-365	-.01	-15	-22
07-01-62 1230640 4303156 5-71					32		14,022	3.67	515							
1440474 FERRUM IVANHOE AMY.....*		7	6	2-52,55	16	1.2	15,988	3.53	565		25	34	-3	.00	0	0
08-31-62 1189870 4268002 5-71					21		16,228	3.54	574							
1440493 TIM-ROCK IVANHOE EMPEROR.....*		1	18	1-54	18	2.1	14,089	3.98	561		21	25	+71	+.06	+11	+11
01-06-63 1392774 5050856 5-71					16		13,794	3.75	517							
1440501 WINCOWIS SKYLINER BURKE.....*		8	2	2-41,42	11	2.3	16,217	3.34	541		10	39	+837	-.06	+21	+39
11-18-62 1244845 4877228 5-71					14		14,098	3.44	485							
1440514 BAUGO VALLEY SUCCESSOR VALIANT*		8	3	2-32,34	12	2.3	13,433	3.97	533		17	39	-461	+.12	-1	-13
11-18-62 1393551 4716675 5-71					52		14,687	3.68	541							
1440531 EDGEWOOD HALL CUPID.....*		6	11	5-81,82,	31	1.4	14,922	3.40	508		0	41	+235	-.06	0	+6
02-20-62 1189870 3701926 5-71				87,91,93	14		14,386	3.54	509							
1440541 REDFIELD BURTON JOY SEGIS.....		2	10	1-46	12	2.0	15,884	3.37	536		0	25	+407	-.03	+10	+19
11-24-62 1338043 5088321 5-71					6		14,275	3.47	495							
1440545 JADE MELVEN MAJESTY M.....		2	22	2-33,42	24	3.0	14,620	3.78	553		4	30	-107	+.03	0	-3
10-03-61 1293580 4615032 5-71					20		15,096	3.70	558							
1440547 PEBBLELANE ROBURKE CHAMBRIC...*		7	15	1-21	36	1.9	15,256	3.80	579		19	43	+9	+.12	+17	+14
01-12-63 1276654 4307320 5-71					21		15,378	3.53	543							
1440564 OKIE COMMODORE JIGGS-TWIN.....		1	17	1-73	17	2.5	12,904	3.68	475		0	26	-98	.00	-4	-6
12-25-62 1246568 3685301 5-71					9		13,208	3.73	492							
1440577 OPE HILL TREASURE MODEL VERN..*		1	13	1-11	13	1.7	10,647	3.72	396		0	22	-125	+.03	-1	-4
09-03-62 1371039 4569750 5-71					22		10,924	3.63	396							
1440614 DAIRYLOU MUTUAL PAUL.....	35-75	23	1	8-35,52,	28	2.3	16,544	3.49	577		4	64	+889	-.09	+18	+38
12-03-62 1087974 3642220 5-71				55,91,93	54		15,282	3.63	554							
1440620 WAYNE MARK MAHEDO.....*		2	11	1-21	13	1.8	12,726	3.98	506		15	25	-384	+.12	+3	-7
02-24-63 1222994 4286997 5-71					27		14,330	3.45	495							
1440664 HOWCOJEL SEXTON.....*		2	6	1-14	11	2.1	14,694	3.75	551		18	30	+355	+.01	+14	+21
02-14-63 1273756 4455877 5-71					31		13,444	3.73	502							
1440666 CHAUMONT EDGEWOOD JO-TWIN.....		1	12	1-41	12	1.6	12,733	3.35	427		17	21	-338	-.05	-19	-25
01-24-63 1416711 5383304 5-71					2		14,375	3.63	522							
1440668 DAN EDGEWOOD JO.....*		2	22	1-41	24	1.7	15,903	3.18	506		13	26	+515	-.12	+1	+14
02-13-63 1416711 5504124 5-71					15		13,902	3.62	503							
1440679 STEWART ORMSBY BEST.....*		5	9	1-41	16	2.2	15,299	3.73	570		19	32	+136	+.02	+8	+10
01-10-63 1379037 5233918 5-71					9		14,977	3.66	548							
1440684 STEWART TIDY IVANHOE FOBES....	35-21	77	2	7-35,41,	97	1.9	13,731	3.80	522		10	85	-114	+.09	+8	+4
11-09-62 1287090 4315501 5-71				42,45,47	15		13,858	3.70	513							
1440726 L J B JEWEL CHIEF.....*		6	3	3-82,84,	11	1.4	15,025	3.35	503		13	33	+195	-.02	+4	+8
02-08-63 1367752 4331285 5-71				88	11		14,487	3.38	490							
1440772 BILLY OF WINDFALL.....*		1	30	1-23	30	2.3	13,460	3.39	456		0	27	-251	-.04	-15	-19
12-06-62 1163043 5383651 5-71					4		14,434	3.58	517							
1440799 BUR-DEL GLEN IVANHOE CHIEF....*		5	6	2-51,73	14	1.5	14,558	3.61	525		46	31	+272	-.01	+9	+15
06-19-62 1189870 4562105 5-71					87		13,653	3.64	497							
1440808 SUNNYSIDE BLUE CHIP.....	41-01	126	5	7-41,42,	182	1.4	14,803	3.44	509		14	87	-16	-.11	-16	-14
09-14-62 1283917 4457689 5-71				46,82,87	16		14,920	3.57	532							
1440809 SUNNYSIDE LEADER FOBES.....	35-21	46	2	5-35,41,	65	1.9	13,770	3.63	500		18	78	-202	-.01	-9	-13
02-26-63 1242338 3745107 5-71				42,43,47	16		14,041	3.66	514							
1440840 RUSTIC ROCKET PERFECTO.....*		4	5	1-34	10	2.5	14,594	3.71	542		10	30	-4	.00	0	0
11-12-62 1413165 4662978 5-71					24		14,686	3.72	546							
1440842 RUSTIC BARON CENTURION.....		1	25	1-34	25	1.8	16,553	3.42	566		9	25	+191	-.06	-1	+4
11-16-62 1258981 5459366 5-71					7		15,999	3.63	580							
1440846 DELLFIELD SUPREME.....*		1	20	1-93	20	2.6	18,147	3.33	604		13	27	+161	-.04	0	+4
01-03-62 1382768 4599677 5-71					70		17,938	3.46	621							
1440859 MAN-O-WAR B F ESTEEM DUKE.....*		6	5	5-21,23,	15	1.3	15,008	3.35	503		0	34	+340	-.06	+4	+12
12-13-62 1344345 4038415 5-71				33,34,52	328		14,011	3.50	491							
1440900 CLOVERBROOK MASTER PEORO.....		1	17	1-42	17	2.2	13,065	3.54	463		20	25	-203	+.02	-5	-9
04-26-62 1285965 3445037 5-71					11		13,869	3.50	485							
1440920 NOLANS HI HOPE DEAN ZACHARY...*		3	10	2-21,23	14	2.4	14,115	3.37	475		0	28	-40	-.07	-11	-10
06-05-62 1250992 3351874 5-71					23		14,298	3.63	519							
1440928 THAYBEN TY VIC CREATOR.....*		2	9	1-11	11	2.5	16,324	3.85	628		9	26	+323	+.01	+13	+19
10-05-62 1345354 4391352 5-71					19		15,198	3.85	585							
1440935 BUDD FARM FAYNE VAR-TWIN.....*		2	10	1-23	12	2.4	16,043	3.37	540		33	25	+204	-.05	0	+5
06-24-62 1306065 2733050 5-71					25		15,384	3.58	550							
1440944 PACLAMAR SENATOR HE-MAN.....*		6	12	3-22,35,	34	1.9	14,498	3.58	519		6	44	+201	-.04	+2	+7
04-20-63 1252985 3789034 5-71				74	14		14,055	3.67	516							
1440946 PACLAMAR SENATOR KNIGHT.....*		1	25	1-84	25	1.8	13,873	3.36	466		12	25	0	-.01	-1	-1
05-02-63 1252985 4024980 5-71					30		13,865	3.39	470							
1440956 WSC-FALCON OAKK ADMIRAL.....*		2	20	1-35	22	1.5	11,340	3.80	431		**	25	-503	+.04	-13	-24
12-05-62 1214152 4695975 5-71					11		13,291	3.66	487							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1440958 GREEN OOWNS AOMIRAL KERK.....*		1	21	1-61	21	2.1	15,445	3.19	493	15	26	+289	-.07	+1	+8
11-22-62 1237057 3759987 5-71					73		14,357	3.40	488						
1440961 NORCLIFF AL8AN CHALLENGER.....*		2	6	1-86	10	1.3	15,975	3.29	525	14	24	+305	-.05	+4	+11
01-01-63 1318761 4182941 5-71					118		14,808	3.44	509						
1440965 GRAY VIEW X PREVIEW.....*		8	33	2-61,63	46	2.0	15,633	3.90	610	3	34	-70	+.15	+18	+13
12-07-62 1378594 4680791 5-71					31		16,057	3.51	564						
1440968 GRAY VIEW COMMANDO SKYRE-TWIN.*		2	37	1-35	39	2.0	14,932	3.74	559	17	28	-317	+.05	-5	-12
10-18-62 1402755 4411436 5-71					29		16,299	3.60	587						
1440993 AOMIRAL JERRY PRIOE.....*		5	16	2-32,64	25	2.5	12,018	3.48	418	4	35	-343	-.03	-17	-23
12-12-62 1237057 3975551 5-71					8		12,904	3.60	465						
1440999 WAGSON RAG APPLE PREMIUM.....*		2	10	2-35,74	12	1.8	11,574	3.48	403	13	24	-302	-.01	-12	-18
10-03-62 1367986 3903118 5-71					10		12,724	3.56	453						
1441005 GRANO STAR PONTIAC.....*		1	15	1-51	15	2.2	12,301	3.60	443	**	25	-244	-.02	-11	-15
02-14-62 1372007 5087805 5-71					13		13,213	3.69	488						
1441024 EE-OAH-HOW CRESCENT COM8INE...*	91-11	1	26	1-82	26	2.2	15,164	3.31	502	5	27	+302	-.02	+8	+14
08-21-62 1188731 5053789 5-71					14		14,043	3.35	470						
1441026 8RADSTEAD ROSNI PA8ST TONY....	35-75	39	3	9-21,35,	72	2.0	17,682	3.48	616	10	78	+1,374	-.12	+31	+61
03-10-63 1296729 3925842 5-71				55,91,93	66		16,143	3.62	584						
1441030 HESSELHOLME OE KOL SPAN ARNOLO		1	21	1-21	21	1.8	15,490	3.54	549	5	24	+6	.00	0	0
03-30-63 1239886 4621609 1-71					15		15,635	3.56	557						
1441031 ROCKY ACRES ARISTOCRAT OLIN...*		2	9	1-21	11	2.0	13,918	3.71	516	9	24	-117	+.04	+2	-1
11-26-62 1124780 3848116 5-71					21		14,453	3.53	510						
1441032 SINNEMA PILOT PRINCE.....*		2	8	1-91	10	1.7	15,576	3.59	559	11	23	-109	+.03	0	-3
11-23-62 1175596 4263036 1-71					29		16,300	3.50	570						
1441048 SALINE VALLEY 8URKGDV SHO8OY..	48-01	108	5	2-48,73	275	1.7	14,952	3.62	541	17	91	+460	+.05	+24	+32
11-28-62 1038509 3909403 5-71					25		14,502	3.56	516						
1441055 JUPACRES COMMANOER CHARLES....*		2	11	1-21	13	3.2	13,423	3.73	501	15	28	+152	.00	+5	+8
11-12-62 1340669 5176386 5-71					10		12,754	3.76	480						
1441063 WALHOWDON IVANHOE RELAY.....*		11	2	5-11,12,	15	2.5	14,748	3.97	586	0	48	+206	+.12	+25	+26
01-03-63 1189870 5309195 5-71				13,14,16	21		14,359	3.75	538						
1441069 MIDLINE CARNATION CHAMPION....		1	14	1-33	14	2.9	14,841	3.51	521	14	26	+163	-.03	+1	+5
11-09-62 1363507 5177452 5-71					53		14,240	3.64	518						
1441074 HOLMAR CURTISS 8LAKE.....		1	13	1-51	13	1.8	15,287	3.81	583	**	22	+575	+.02	+24	+35
12-24-62 1384455 4776853 5-71					14		12,557	3.74	470						
1441099 ALMAC SUOEAN-TWIN.....*	21-10	29	1	2-13,21	29	2.3	14,730	3.75	553	19	66	-246	+.12	+7	-1
10-23-62 1143578 4400526 5-71					22		15,236	3.59	547						
1441111 LONDON POSCH DUNLOGGIN FAYNE..		4	16	1-31	25	2.2	14,433	3.68	531	9	34	-376	+.01	-12	-20
02-16-63 1216992 4249117 5-71					69		15,724	3.68	578						
1441140 GRAY VIEW X CRISPIN.....*		8	8	5-23,35,	19	1.5	15,028	3.55	534	13	35	-324	-.01	-13	-19
12-20-62 1378594 4680793 5-71				52,73,74	19		16,169	3.59	580						
1441141 GRAY VIEW X CORRELATION.....*		3	21	1-41	25	2.0	13,902	3.99	554	22	29	-81	+.10	+11	+7
12-24-62 1378594 4418741 5-71					8		14,216	3.63	516						
1441148 GRAY VIEW SKYCROSS.....*	33-03	1,709	3	45-21,23,	3,196	1.4	14,338	3.71	532	16	99	-471	+.11	-2	-14
02-27-63 1378594 3352652 5-71				31,35,41	23		14,910	3.62	539						
1441149 GRAY VIEW X PAYMASTER.....*		12	2	5-33,35,	17	1.5	15,152	3.63	550	7	47	+432	+.04	+21	+29
03-13-63 1378594 3955227 5-71				42,45,46	13		14,274	3.54	505						
1441150 GRAY VIEW X CRISSANDO.....*		10	7	2-55,56	22	1.7	13,817	3.53	488	27	41	-549	+.01	-18	-29
04-10-63 1378594 5105639 5-71					34		15,296	3.52	539						
1441156 GRAY VIEW CRISSCROWN.....*	33-03	10	2	5-35,41,	15	1.1	14,271	3.69	526	13	41	-186	+.02	-4	-8
11-01-62 010218036 3167991 5-71				42,48,87	17		14,813	3.67	543						
1441167 ROOONWA OIAMOND CHERRY EXCEL..		1	15	1-11	15	1.6	12,984	3.76	488	18	23	-221	+.05	-1	-7
04-24-63 1382489 4039561 5-71					15		13,972	3.56	498						
1441176 LAVACRES SOVEREIGN PAT.....*		2	11	1-93	17	1.6	18,527	3.41	631	27	29	+237	-.07	-1	+5
01-03-63 1382958 5185251 5-71					127		18,122	3.61	654						
1441189 WOOOSIOE FARM IOEAL 8ELLE-TWIN	21-10	38	1	3-13,16,	41	2.0	15,214	3.60	547	27	72	-84	+.03	+1	-1
12-22-62 1014925 4612328 5-71				21	31		15,486	3.55	550						
1441190 SHAWS PILOT OIVIOENO.....*		4	11	2-11,52	24	2.3	15,104	3.95	596	21	39	-551	+.08	-9	-22
11-11-62 1287412 3037363 5-71					32		16,794	3.78	634						
1441200 RHAMEFIELOS SIR CHARLIE WILL..		2	19	1-34	30	2.1	17,184	3.44	591	4	34	+660	-.07	+14	+29
06-26-62 1179372 4304711 5-71					29		15,382	3.60	554						
1441213 EARLYWAY BUTTER 8OY CHRISTY...*		7	2	3-35,73,	11	1.8	14,618	3.51	513	10	36	-63	-.03	-6	-7
09-19-62 1308419 4574736 5-71				74	21		14,891	3.59	535						
1441253 WILLAROS FOREMOST.....*		4	5	2-33,35	18	2.0	13,020	3.89	506	7	42	-479	+.11	-2	-14
03-28-63 1279408 3813325 5-71					141		14,190	3.62	514						
1441254 ROMANOALE JAMAICAN.....*		12	12	4-14,16,	40	1.8	14,407	3.55	512	11	47	-177	+.02	-3	-7
12-02-61 010198998 011555100 5-71				21,23	30		14,877	3.51	522						
1441258 ELMER BROOK ROYAL CONTENOER...*		1	10	1-35	10	2.1	13,723	3.63	498	11	22	-234	+.03	-4	-9
01-15-63 1349678 5014666 5-71					9		14,885	3.52	524						
1441273 WIS8EE BENEFACTOR.....*		1	29	1-21	29	1.4	13,339	3.56	475	43	24	+75	.00	+3	+4
04-02-63 1199324 3010333 5-71					10		12,921	3.54	457						
1441275 WIS8EE LAOY MASTERFUL.....*		3	13	2-21,34	17	1.8	15,601	3.44	537	35	27	-94	-.04	-9	-10
02-28-63 1305460 3648277 5-71					22		16,175	3.59	580						
1441287 CLARAMAC ROYAL PONTIAC IOEAL..*		7	2	1-34	10	1.6	14,094	3.32	468	0	35	-140	-.07	-15	-16
01-20-63 1397752 5315125 5-71					13		14,561	3.54	515						
1441298 FOXLEASE EFFICIENCY.....*	35-21	55	3	4-21,34,	86	1.6	17,325	3.51	608	13	79	+1,479	-.14	+32	+65
12-19-62 1189870 4231933 5-71				35,52	21		15,621	3.68	575						
1441319 PACLAMAR SENATOR COMMOORE....		1	12	1-47	12	2.2	13,232	3.67	486	9	23	-102	+.02	-1	-3
12-17-62 1252985 3931488 5-71					13		13,645	3.64	496						
1441337 HILMAR IVANHOE PRINCE.....		1	20	1-93	20	1.6	19,374	3.48	674	0	24	+99	.00	+3	+5
01-26-63 1215448 5136037 5-71					23		19,512	3.49	680						
1441349 PINEYHILL GAYLORO.....*		3	9	2-92,93	12	1.2	19,370	3.32	643	71	23	+350	-.07	+3	+12
12-03-62 1391977 3235970 5-71					41		18,289	3.53	645						
1441354 HARMONY PROGRESSOR LAO.....*		1	10	1-41	10	2.4	13,961	3.69	515	**	23	+24	.00	+1	+1
10-23-61 1136905 4422323 5-71					11		13,846	3.71	513						

REGISTRATION NUMBER / NAME OF BULL	STUD CODE	NUMBER OF HEIRS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	%	1ST LACT	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1441433 LOTTA ROCK DAN.....*		2	7	2-11,14	13	2.6	14,847	3.76	558		15	32	-102	+.03	0	-3
09-19-62 1038118 4926835 5-71					23		15,306	3.70	566							
1441439 PENSTATE IVANHOE REFLECTION...*	31-02	1	18	1-31	18	1.9	16,869	4.08	688		0	25	+259	+.05	+17	+21
01-10-63 1189870 4562454 5-71					25		16,020	3.93	630							
1441440 PENSTATE IVANHOE STAR.....*	23-09	536	4	10-23,50,	1,072	1.7	15,361	3.75	576		8	98	+1,030	+.03	+41	+61
01-20-63 1189870 3279562 5-71				51,52,54	18		14,350	3.75	538							
1441441 PENSTATE IVANHOE AUTOCRAT.....*		1	83	1-43	83	1.6	12,912	3.81	492		7	27	-231	+.06	0	-6
02-08-63 1189870 3461643 5-71					121		13,747	3.61	496							
1441458 DIBBLE CRUSADER NELCROSS.....*	35-05	72	2	5-35,41,	109	1.6	13,722	3.72	511		21	84	-631	+.07	-13	-27
07-09-62 1378594 3941882 5-71				42,63,74	18		14,531	3.65	531							
1441468 WAL-CO-FARM JOSIE CRISSCROSS..	41-01	107	2	8-35,41,	143	1.3	13,860	3.92	544		16	87	-765	+.30	+12	-10
12-25-62 1378594 4625150 5-71				45,82,87	18		14,826	3.60	533							
1441471 HAYSSEN SHAMROCK REBEL.....*	34-01	53	2	3-32,34,	68	1.6	14,507	3.53	512		19	79	+47	-.06	-6	-4
04-05-63 010260599 5218949 5-71				61	18		14,503	3.61	523							
1441472 HAYSSEN ROCKMASTER.....*		14	1	6-21,33,	15	2.2	14,821	3.94	584		7	50	-257	+.13	+9	+1
04-12-63 010260599 3184976 5-71				34,35,47	21		15,497	3.69	572							
1441493 S P S M PURE SEGIS.....*		1	14	1-34	14	2.0	13,452	3.70	498		14	23	-49	+.01	0	-1
03-09-63 1326796 4378856 5-71					88		13,636	3.64	496							
1441525 MAYERS DUKE CAMELLA JOE.....*		2	31	2-23,41	33	1.6	15,204	3.57	543		25	27	-84	-.01	-4	-5
05-08-62 1293580 4062308 5-71					23		15,698	3.63	570							
1441529 MAYERS DUKE DOUBLE ANNA.....*	35-05	26	3	3-35,41,	44	1.6	13,641	3.63	495		24	67	-242	-.02	-11	-15
12-06-62 1293580 3712504 5-71				42	17		14,008	3.67	514							
1441565 SOONER CAPTAIN KOCOMO.....		1	10	1-73	10	1.0	15,313	3.26	499		22	18	+290	-.06	+2	+9
12-12-62 1144239 4650322 5-71					13		13,647	3.54	483							
1441567 SOONER CAPTAIN CASPER.....		2	12	1-73	23	1.7	12,408	3.42	424		13	35	-329	-.07	-21	-26
01-17-63 1144239 3901735 5-71					6		13,296	3.66	486							
1441568 SOONER CAPTAIN CANTREL.....*		3	13	1-73	17	1.5	12,295	3.42	421		19	26	-106	-.01	-5	-7
02-09-63 1144239 4569428 5-71					15		12,571	3.47	436							
1441569 SOONER CAPTAIN COPAS.....		1	34	1-73	34	1.6	14,642	3.05	447		27	25	-66	-.02	-5	-6
03-10-63 1144239 4357498 5-71					35		15,016	3.12	468							
1441575 MAJESTY RUSTY.....		1	13	1-33	13	2.0	16,645	3.47	577		0	23	+364	.00	+13	+20
01-02-63 1293580 5309161 5-71					12		15,180	3.43	521							
1441611 VIGO REFLECTION PABST.....*		1	20	1-35	20	2.3	15,363	3.81	586		10	26	-105	-.01	-5	-7
01-03-63 1383551 3863896 1-71					9		15,974	3.88	620							
1441665 ELLINGDALE GINGER PONTIAC.....*		2	28	2-35,41	32	2.0	13,065	3.75	490		6	29	-47	+.04	+4	+2
07-31-62 1258673 4686520 5-71					9		13,155	3.59	472							
1441683 SUGARLANE GRENADIER.....*		2	8	1-52	10	1.7	15,444	3.52	544		25	23	-81	-.01	-4	-5
03-17-63 1217639 4514619 5-71					18		16,014	3.59	575							
1441685 SEARS MASTER DEAN PRINCE.....	21-10	57	1	6-11,12,	65	1.9	14,237	3.51	500		18	79	-362	-.05	-20	-26
01-16-63 1085978 4711263 5-71				13,14,21	22		14,778	3.58	529							
1441692 BREEZAC REFLECTION FABIAN.....*		2	8	2-34,35	10	1.8	13,881	4.00	555		13	23	+206	+.01	+9	+13
03-05-63 010260599 4980221 5-71					9		12,887	4.00	516							
1441695 UNH CHARIOTEER JUBILEE.....*		2	31	1-12	38	1.8	19,408	3.28	636		24	30	+748	-.08	+15	+32
12-03-62 1254887 4890230 5-71					12		17,235	3.45	594							
1441733 JUSTA-BEAUTY LOCESTA CLIPPER..*		15	10	4-21,22,	60	1.6	14,291	3.97	568		15	60	-290	+.14	+9	0
11-23-62 1397984 4847318 5-71				23,73	16		14,873	3.75	558							
1441738 FROGMORE PONTIAC POLARIS.....*	33-03	6	9	2-21,23	20	1.8	15,269	3.44	525		0	36	+431	-.07	+6	+16
12-27-62 010260599 4649181 5-71					23		14,070	3.61	508							
1441739 FROGMORE PONTIAC METEOR.....*		2	10	1-21	12	1.9	14,583	3.55	517		0	25	-190	+.01	-6	-10
04-01-63 010260599 5097410 5-71					12		15,512	3.56	552							
1441742 FROGMORE PONTIAC ROYAL.....*		9	11	1-21	37	1.7	14,968	3.44	515		19	47	-477	-.04	-22	-31
04-16-63 010260599 3916372 5-71					29		16,209	3.52	571							
1441749 SARGES BUTTER BOY CHIEF.....		3	5	1-48	12	2.7	12,832	3.51	450		0	35	-82	-.03	-7	-8
08-07-62 1249430 4953785 5-71					22		12,974	3.61	469							
1441755 OUTAGAMIE PRESIDENT COMET.....*		4	16	1-35	23	1.7	15,422	3.50	540		10	30	-78	.00	-3	-5
01-11-63 1284262 4541931 5-71					8		15,877	3.52	559							
1441761 FARMSTEAD MARS SAUL.....		1	31	1-34	31	1.5	14,679	3.88	569		7	25	+160	+.04	+12	+14
03-13-63 1367170 3778013 1-71					6		14,034	3.71	521							
1441792 BRANCREST MASTER FORBES GIL....	21-10	38	1	2-13,21	39	2.0	14,136	3.55	502		25	71	-227	-.01	-9	-13
12-14-62 1105728 3830990 5-71					25		14,514	3.57	518							
1441810 JO HIGHCROFT MASTER.....*		3	62	1-41	66	1.7	13,777	3.73	514		18	29	-95	+.02	-1	-3
10-01-62 1416711 5554560 5-71					13		14,132	3.70	523							
1441822 HOMEMOND RAVEN LEADER.....*		5	7	1-31	18	2.3	12,232	3.61	442		18	39	-351	+.02	-10	-17
12-12-62 1297169 5141866 5-71					13		13,049	3.58	467							
1441854 BLUEGILL PONTIAC DEAN.....*		5	5	2-23,52	19	2.1	13,327	3.95	526		11	45	-97	+.09	+9	+5
05-15-63 010260599 5420182 5-71					29		13,503	3.75	506							
1441872 WIS RINGMASTER SYMBOLIC.....		1	14	1-35	14	2.1	13,372	3.54	474		0	24	-83	.00	-3	-5
02-22-63 1385713 4218026 5-71					10		13,692	3.58	490							
1441893 OWNBROOK ADVANCE ARMOR.....*		1	18	1-23	18	1.8	16,079	3.59	578		13	24	-66	.00	-2	-3
01-01-63 1156447 3668954 5-71					27		16,625	3.60	599							
1441904 RAINBOW SKY PERFECTION.....*		1	14	1-34	14	2.6	15,140	3.45	523		0	26	+146	-.02	+3	+6
07-15-62 1244845 4989326 5-71					12		14,636	3.49	511							
1441930 WALLMAC HILDA INKLE PRINCE....		2	25	1-52	39	1.6	13,332	3.64	485		0	34	-206	+.01	-6	-10
06-08-62 1223904 4435072 5-71					1		13,943	3.62	505							
1441943 PINEHURST TRIUNE TREASURE-TWIN*		10	6	3-14,21,	28	1.6	15,608	3.63	567		28	49	-433	-.04	-21	-29
04-11-63 1286826 3956096 1-71				22	35		16,776	3.73	625							
1441952 BO-NO IDEAL JET ORBIT.....*		1	20	1-93	20	1.4	18,644	3.29	613		33	22	+170	-.04	0	+4
07-17-62 1113350 4424529 5-71					28		18,322	3.43	628							
1441972 MR SOUZA BUDDY HERO.....		3	9	1-93	13	1.3	16,809	3.59	604		9	24	+598	+.01	+23	+35
02-18-63 1259934 4532909 5-71					43		14,359	3.54	508							
1441973 TARA HILLS FONO IVANHOE.....*		20	1	8-13,16,	22	1.7	15,156	3.79	574		9	57	-64	+.10	+11	+7
03-04-63 1189870 5102623 5-71				21,22,23	30		15,419	3.64	561							
1441998 FORT MADISON ELMOKA JOE.....*		1	20	1-42	20	1.8	15,258	3.87	591		10	25	+124	+.05	+11	+12
01-08-63 1106334 4837475 5-71					25		14,841	3.73	553							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1442000 U M IVANHOE G TIOY LEE.....*		6	3	1-11	13	2.0	16,274	3.63	590		17	38	+157	-.02	+3	+7
01-23-63 1189870 4413299 5-71					18		16,068	3.68	592							
1442001 U M IVANHOE A ALLSTAR.....*		4	9	1-11	18	1.9	16,303	3.78	616		20	34	+161	+.01	+7	+10
02-11-63 1189870 4275680 5-71					21		16,043	3.77	605							
1442008 MAN-O-WAR 8 F ESTEEM 8URKE....*		6	4	1-34	13	1.8	13,904	3.50	487		18	35	+148	-.02	+2	+6
12-23-62 1344345 4182538 5-71					10		13,427	3.57	479							
1442026 ROUND OAK GAY CEORIC.....*		8	5	2-52,54	19	1.5	13,630	3.84	524		11	41	-475	+.08	-7	-18
03-28-63 1294924 3608209 5-71					32		14,898	3.69	549							
1442031 JONESTER CARNATION RU8E.....*		7	3	2-33,35	14	1.9	15,404	3.58	551		0	42	+324	-.01	+10	+17
12-30-62 1305460 3434070 5-71					15		14,708	3.61	531							
1442037 PA8ST AOMIR RERO.....*		1	11	1-21	11	1.7	12,104	3.55	430		22	21	-348	+.03	-9	-17
02-15-63 1358647 3690058 5-71					18		13,713	3.46	474							
1442039 PA8ST CHAMPION MOOEL.....*		3	10	1-41	15	1.5	11,961	3.46	414		22	27	-527	-.07	-28	-37
01-11-63 1144238 5169597 5-71					19		13,881	3.76	522							
1442040 O-ANN OUCHESS SKY.....*		4	8	2-61,63	15	2.7	14,406	3.61	520		0	33	-136	-.03	-9	-11
06-20-62 1244845 5117458 5-71					26		14,916	3.72	555							
1442047 HENKET LORO NELSON.....*		3	13	2-55,57	17	1.6	17,719	3.59	636		6	26	+520	-.05	+12	+23
05-05-63 1189870 4272786 5-71					15		15,942	3.77	601							
1442059 ORMS8Y SOVEREIGN WINTERTHUR...		1	44	1-74	44	1.6	14,685	3.28	481		30	26	-388	-.01	-15	-23
03-22-63 1298831 4954946 5-71					14		16,435	3.34	549							
1442062 SHEPIERRA CASEY.....*		2	12	2-35,47	14	2.4	13,539	3.66	496		13	27	-379	-.02	-17	-24
08-03-62 1355938 4277292 5-71					10		15,075	3.79	571							
1442064 VANART MINNIE SKOKIE REGENT...*		5	4	2-52,55	13	1.9	13,763	3.44	473		**	35	-77	-.02	-5	-6
12-17-62 1263983 4302627 5-71					24		13,990	3.49	488							
1442073 AQUIONECK RONHU8 MAJOR.....*		1	10	1-15	10	3.1	16,122	3.36	542		0	24	+446	-.06	+7	+17
09-01-61 1190151 4706206 5-71					22		14,324	3.60	515							
1442099 WHITE HEIGHTS ROSE IMPERIAL...*		2	13	1-32	21	2.5	13,090	3.66	479		0	34	-121	+.02	-1	-4
11-01-62 1230640 3389349 5-71					36		13,400	3.60	482							
1442102 ELOARY SCHOOLMASTER.....*		1	10	1-33	10	2.9	15,497	3.56	551		0	24	-16	-.01	-2	-2
09-16-62 1181068 3898095 5-71					17		15,747	3.62	570							
1442117 JEWELHOLM SUPREME 8UTTERMAN...*	35-75	14	11	2-13,16	38	1.7	18,119	3.49	632		20	49	+605	-.03	+17	+30
02-20-63 1341149 4751605 5-71					15		17,202	3.53	608							
1442120 JEWELHOLM RHOOA PRINCE.....		2	18	1-14	28	1.8	12,605	3.90	491		15	33	+50	+.03	+6	+6
03-08-63 1303502 4802827 5-71					65		12,288	3.83	471							
1442152 MACK ORMS8Y MAOCAP.....		2	12	1-41	19	1.9	12,294	3.42	421		26	32	-675	-.02	-27	-40
11-11-61 1346134 4514047 5-71					6		14,494	3.53	512							
1442168 TRASKOALE SYM8OL SKYLINER.....*		5	5	1-21	11	2.1	15,339	3.72	571		43	31	+63	.00	+2	+3
12-30-62 1244845 4067204 5-71					35		15,266	3.74	571							
1442171 CANAAN ACHILLES HURLWOOO.....*		4	3	1-57	10	2.3	13,340	3.72	496		0	35	-349	+.03	-8	-16
12-11-62 1334052 4428086 5-71					64		14,385	3.64	523							
1442176 LAKE-CO MASTER MAGIC.....*		2	15	2-35,47	17	2.4	16,435	3.67	603		12	27	+208	-.01	+6	+10
07-01-62 1380679 4872320 5-71					25		15,843	3.72	590							
1442210 NETTIE 8LUEGILL AOJUOICATOR...*		4	5	2-23,51	10	2.3	12,163	3.62	440		0	29	-257	-.05	-16	-20
02-10-63 010239301 5669715 5-71					27		12,940	3.85	498							
1442214 ARHAVEN GYPSIE LEAOER.....*		1	13	1-35	13	2.1	16,253	3.77	613		8	24	-106	+.03	0	-3
04-26-63 1277213 3533936 5-71					19		17,017	3.68	627							
1442253 SUNNYSIOE RO8ELLE RO8URKE.....*		3	14	2-35,85	18	1.9	14,770	3.65	539		13	28	-186	+.03	-3	-7
02-15-63 1314449 3532273 5-71					11		15,615	3.58	559							
1442259 SEQUOIA TELSTAR.....		2	19	1-93	21	1.1	20,212	3.34	676		32	23	+43	-.05	-5	-3
12-18-62 1274923 3923579 5-71					44		20,699	3.50	725							
1442271 OISTINCTION CO-PILOT 8UTTER...*		4	14	2-35,57	21	1.8	14,701	3.56	524		10	31	+167	-.04	+1	+5
03-01-63 1368957 4864135 5-71					16		14,184	3.67	521							
1442308 FICKELSTEIN JOHNUKE-TWIN.....*		9	2	5-41,48,	12	1.6	13,169	3.64	480		14	39	-209	+.08	+3	-3
12-01-62 1296576 3579039 5-71				71,73,84	21		13,682	3.44	470							
1442311 SUL-MAR INVINCI8LE SUPER8.....*		2	17	1-42	19	2.0	13,668	3.80	519		6	26	-364	+.04	-8	-16
10-27-62 1125395 4438708 5-71					9		15,197	3.69	561							
1442358 ROMANOALE REFLECTION HERCULES.*		2	10	2-85,87	12	2.6	15,734	3.29	518		0	26	+101	-.03	-1	+2
09-18-61 010198998 011516324 5-71					91		15,502	3.41	528							
1442379 WERN FARMS PIETJE 8 LAO.....		2	37	2-35,63	39	1.6	11,219	3.49	391		14	27	-160	.00	-6	-9
01-08-62 1350190 2988187 5-71					32		11,582	3.52	408							
1442431 OUELWOOO SEARS KAHN.....*	21-10	112	2	3-13,21,	154	2.0	15,571	3.48	542		14	89	+323	-.07	+1	+9
11-17-62 1085978 4112322 5-71				23	24		15,349	3.55	545							
1442451 KNOLLWOOO ROYAL NO8LE.....*		1	25	1-21	25	1.8	13,470	3.51	473		28	25	-150	.00	-6	-9
12-05-62 1305460 4002613 5-71					122		14,088	3.55	500							
1442456 JO AMSTELLANO JULIA.....		1	18	1-41	18	2.0	13,030	3.94	513		27	25	-246	-.02	-11	-16
02-16-62 1242457 4859957 5-71					9		14,038	4.04	567							
1442462 GRAY VIEW X TRAOEMARK.....*		7	4	1-35	19	1.5	15,005	3.62	543		11	42	-83	.00	-3	-5
03-24-63 1378594 4397177 5-71					17		15,346	3.63	557							
1442477 ST CROIXCO PRAIRIE LARK.....*		3	21	1-35	25	2.2	15,878	3.79	601		14	29	+203	-.04	+1	+6
12-14-62 1291499 4808023 5-71					22		15,316	3.98	609							
1442478 ST CROIXCO PRAIRIE RULER.....*	35-05	23	2	3-33,35,	37	1.9	13,668	3.72	509		11	67	-40	+.06	-6	-15
12-20-62 1291499 4443081 5-71				42	15		14,309	3.65	522							
1442479 ST CROIXCO PRAIRIE EAGLE.....*		1	18	1-35	18	1.4	13,433	3.74	503		17	23	-251	+.04	-3	-8
12-25-62 1291499 4451201 5-71					37		14,510	3.61	524							
1442482 ST CROIXCO GAY.....*		4	12	2-35,58	17	1.8	12,272	3.80	466		**	29	-380	+.03	-9	-17
02-03-62 1287090 3759374 5-71					16		13,546	3.68	499							
1442485 PINEFIELO FORTY-NINER OUKE....*		8	2	3-33,52,	13	2.2	13,648	3.76	513		0	43	-67	+.06	+6	+3
12-08-62 1283917 4358633 5-71				61	10		13,792	3.62	499							
1442516 EAGLE POINT OANIEL BOONE.....*		4	10	2-11,55	17	2.1	15,524	3.48	540		9	32	+116	-.03	0	+3
02-04-63 1292880 3768479 5-71					15		15,297	3.58	548							
1442528 NUTMEG ACRES GOLOEN CONQUEROR.*		2	8	1-16	11	2.7	14,737	3.70	545		9	28	-103	+.01	-2	-4
07-26-62 1170426 4668291 5-71					55		15,239	3.68	561							
1442549 KAECH MAOCAP COLANTHA.....*		4	3	1-91	10	1.4	15,633	3.51	548		0	30	+191	-.03	+2	+7
03-23-63 1277619 4658919 5-71					21		15,121	3.60	544							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	%	1ST REPT INC	%	PREDICTED DIFFERENCES MILK	%	FAT	$$
1442571 LYMETT GRAY VIEW MONTVIC.....*		1	17	1-35	17	2.2	14,534	3.68	535		12	26	+32	+.01	+2	+2
01-09-63 1244845 3980257 5-71					33		14,462	3.67	531							
1442573 JA-SAL JOSIE WIS LEADER.....		1	19	1-48	19	1.8	11,873	3.43	407		0	24	-8	-.01	-2	-2
10-23-62 1313490 4752939 5-71					11		11,684	3.52	411							
1442585 SPARKLER EX.....*		3	5	1-31	12	1.9	13,925	3.63	505		17	32	+104	+.01	+5	+7
10-26-62 1250992 5093126 5-71					13		13,559	3.59	487							
1442591 CHAS ROSEHAVEN PE88LE.....		1	18	1-41	18	1.3	14,383	3.68	529		12	22	+87	+.01	+5	+6
11-01-61 1377563 5074253 1-71					2		13,990	3.62	506							
1442601 LIME ROCK DRUMMER GEORGE.....*		4	21	2-23,73	27	2.0	15,096	4.05	611		22	30	-102	+.03	0	-3
08-16-62 1326835 3887410 5-71					17		15,604	4.01	625							
1442615 SHADYRUN IVANHOE JOE.....*		2	13	1-23	17	2.2	13,250	3.83	507		0	28	+9	.00	0	0
09-23-62 1396768 5040427 5-71					14		13,137	3.91	513							
1442654 WOODSIDE FARM WIS 8ELLE-TWIN..	21-10	43	1	2-13,21	44	2.2	14,991	3.64	545		5	75	-119	+.05	+3	-1
12-22-62 1014925 4612328 5-71					22		15,287	3.57	545							
1442658 TEROCI LEADER RAVEN DONDI.....	35-75	16	1	4-35,41,	17	1.7	16,284	3.59	585		23	50	+138	+.02	+8	+10
02-18-63 1259069 4241313 5-71				55,93	61		16,235	3.55	577							
1442659 TOP-O-THE-HILL CICERO CRETE...*		9	7	4-11,14,	24	1.9	16,457	3.80	625		23	44	+471	+.04	+23	+31
12-08-62 1369958 4524120 5-71				16,21	40		15,546	3.73	580							
1442663 COL-CO CHARITY EL8ERT.....*		1	12	1-35	12	2.5	14,424	3.65	526		17	24	+103	-.03	0	+3
08-26-62 1347183 4792473 5-71					23		13,989	3.77	527							
1442680 KINGSTEAD TREASURE CHIEFTAIN..*		4	19	3-43,48,	24	2.1	13,689	3.64	498		5	30	-118	+.02	-1	-4
04-02-63 1326796 4961333 5-71				73	58		14,097	3.59	506							
1442689 JAWAY MODEL LAUREL NIK.....*		4	6	1-21	12	3.1	15,608	3.49	545		9	34	-402	-.02	-17	-25
09-30-62 1216668 4372352 5-71					41		17,119	3.55	608							
1442690 JAWAY HILDA IDEAL.....*	21-01	34	1	2-13,21	35	2.0	14,590	3.71	541		23	69	-493	+.12	-1	-14
01-02-63 1014925 3666204 5-71					28		15,456	3.55	548							
1442701 EASTHAVEN IVANHOE.....*		7	2	2-31,32	10	1.7	17,857	3.66	654		0	35	+918	+.01	+34	+52
04-05-62 1189870 4567818 1-71					13		15,351	3.66	562							
1442702 EASTHAVEN 8ELLE 8OY.....*		14	1	4-32,35,	15	1.9	15,505	3.68	571		0	48	+477	+.03	+21	+30
09-18-62 1259069 4567814 5-71				63,74	20		14,584	3.64	531							
1442743 PD8 ADMIRAL SEGIS.....*		1	19	1-21	19	1.5	11,631	3.35	390		39	23	-560	-.01	-22	-33
11-25-62 1250992 4941696 9-70					11		14,108	3.46	488							
1442781 AMES A LEE.....*	42-08	1	21	1-42	21	1.6	16,107	3.41	549		38	24	-236	-.01	-10	-14
12-22-62 1346652 4529014 5-71					31		17,451	3.47	605							
1442784 HEUERS DENNIS CITATION ORMS8Y.		1	12	1-41	12	2.3	13,472	3.85	519		22	23	+141	+.06	+13	+14
12-20-62 1388044 4759917 5-71					5		12,748	3.61	460							
1442828 GORLI8 IVANHOE NOEL.....*		1	11	1-56	11	1.6	14,384	3.67	528		0	21	+56	+.02	+5	+6
03-07-63 1189870 4316297 5-71					29		14,129	3.57	505							
1442837 PIE8E KORNDYKE PAULINE KING...	51-02	95	2	6-22,23,	142	1.8	14,269	3.62	516		16	88	-247	-.02	-11	-16
02-02-63 1263152 3580604 5-71				51,52,54	20		14,617	3.65	533							
1442840 PIE8E ORLEANS DUNLOGGIN DUSTY.*		6	23	1-55	37	1.6	13,792	3.71	512		12	34	-206	.00	-7	-11
03-11-63 1388724 4063944 5-71					40		14,457	3.72	538							
1442845 JERIAN ADMIRAL HONEYMAN RUSTY.*		1	13	1-35	13	1.9	12,003	3.70	444		10	23	-272	-.01	-11	-16
09-03-62 1324959 4392722 5-71					20		13,114	3.79	497							
1442866 HEATHERDALE SENATOR HERO.....*		7	6	2-31,35	24	2.3	14,650	3.57	523		10	49	+459	-.05	+9	+19
10-28-62 1376402 3804588 5-71					13		13,691	3.70	506							
1442873 WESTVIEW CRITERION.....*		1	12	1-21	12	2.3	12,762	3.71	473		0	24	-92	+.02	-1	-3
02-04-63 1244844 3758782 1-71					55		13,069	3.68	481							
1442874 WESTVIEW A 8 C SOVEREIGN.....*		2	15	1-21	17	1.8	13,308	4.08	543		**	26	-117	+.10	+9	+4
03-01-63 1276654 4410901 5-71					30		13,748	3.71	510							
1442882 HIV-LAN CREATOR LEX.....*		2	16	1-32	31	2.3	15,044	3.76	566		3	40	+133	+.04	+11	+13
01-14-63 1400296 4403061 5-71					18		14,795	3.67	543							
1442887 8ARTHELFARM ACE GYPSIE.....		1	15	1-35	15	1.5	16,122	3.36	541		**	22	+383	-.06	+5	+14
03-28-63 1353478 4050197 5-71					11		14,412	3.60	519							
1442889 RIDGELY SAGE.....*		5	7	3-12,13,	14	1.8	15,540	3.68	572		23	31	+39	+.02	+4	+4
04-30-63 1181068 4465804 5-71				21	29		15,576	3.63	566							
1442895 FLAGGY MEADOW HONORWON JESS...*		1	15	1-11	15	1.7	15,908	3.46	550		11	22	+212	-.03	+3	+8
03-12-63 1369467 4090568 5-71					6		15,073	3.57	538							
1442904 KEYSTONE SUN ADMIRAL.....*		5	3	2-22,23	10	2.3	16,671	3.70	617		20	35	+248	-.03	+4	+10
02-11-63 1237057 3409768 5-71					30		16,179	3.82	618							
1442935 NOWISCO SUPERIOR CYRUS.....		3	12	1-35	24	1.5	17,736	3.44	610		22	35	+350	-.05	+6	+14
12-13-62 1288310 4285495 5-71					13		17,057	3.54	603							
1442941 LYNKHOLM S P ALFA POSCH.....*		1	12	1-21	12	2.8	18,973	3.43	651		0	25	+605	-.08	+10	+24
11-10-62 1344122 3833068 5-71					23		16,831	3.71	624							
1442956 AMES-WAY CRUSADER CHIEF.....*		5	5	2-33,61	16	2.1	14,886	3.45	513		9	41	+131	-.03	0	+3
01-08-63 1014925 4529765 5-71					33		14,631	3.54	518							
1442986 MACOM8ER ADMIRAL PILOT.....		1	32	1-33	32	2.3	13,266	3.57	473		23	28	-243	-.02	-11	-15
12-22-62 1237057 4384772 5-71					7		14,177	3.65	518							
1442997 WAYMILL ADMIRAL GREEN GENES...*		6	4	2-31,32	14	1.4	11,850	3.67	435		38	35	-740	+.04	-22	-37
04-29-62 1337952 4608436 5-71					19		13,976	3.59	502							
1443016 VISTA GRANDE HAVEN SENSATION..*		6	4	1-23	12	1.9	16,707	3.37	563		0	35	+641	-.14	+3	+19
11-06-62 1079658 3943008 5-71					13		14,978	3.74	560							
1443029 MARCOVE REFLECTOR DOMINATE....*		3	10	1-23	14	2.3	16,602	3.87	643		17	28	+92	+.03	+8	+9
07-18-62 1298430 4198539 5-71					17		16,533	3.80	628							
1443030 MARCOVE DUKE DAZZLE.....*		2	8	1-23	10	2.2	13,901	4.21	585		0	24	-376	+.10	0	-10
08-02-62 1293580 4140154 5-71					22		15,614	3.84	599							
1443051 CO-VALE OAKIE SKOKIE.....*		4	14	1-21	19	2.7	14,325	3.53	505		0	32	-237	-.03	-12	-16
02-09-63 1315498 4839145 5-71					39		15,198	3.63	552							
1443073 JAKADALIN DINO MAXEY LONG8OW..*		2	9	1-31	12	2.2	13,379	3.62	484		33	27	-656	.00	-24	-37
11-10-62 1382768 4467012 5-71					28		16,030	3.66	587							
1443077 WHITE STAR MISTER MARC.....*		1	15	1-35	15	1.5	15,295	3.64	557		43	22	-187	+.02	-4	-8
12-21-62 1274684 4229420 5-71					24		16,393	3.59	588							
1443110 COUNCIL ROCK ASTRONAUT.....*		3	15	1-21	24	2.0	15,889	3.66	581		9	34	-31	-.03	-5	-5
03-12-63 1282185 4789597 5-71					33		16,212	3.77	611							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1443113 COLLINS-CREST TRADITION.....*		7	39	3-14,16,	50	2.4	20,136	3.34	673	2	34		+990	-.13	+16	+39
10-25-62 010260599 5058531 5-71				21	32		17,618	3.63	639							
1443142 SPRING-BELLE ADMIRAL ECHO-TWIN*		2	9	1-23	11	1.6	14,194	3.90	554	10	23		-220	+.01	-6	-11
11-13-62 1237057 4566386 1-71					10		15,290	3.89	595							
1443161 SOUTHWAY PEARL TIDY JOE.....	35-75	41	3	13-21,34,	73	1.8	17,071	3.63	619	12	78		+871	+.01	+33	+50
12-15-62 1189679 3757734 5-71				41,55,93	49		16,173	3.62	585							
1443170 JOLUOI SUTTEN HEILO MODEL.....		3	56	2-84,93	60	1.5	16,406	3.44	564	3	28		+259	-.04	+4	+10
05-05-63 1397807 4460185 5-71					110		15,638	3.54	554							
1443181 FLINTSTONE FORTY-NINER BING...*		2	17	1-48	19	2.1	12,592	3.37	424	6	27		-116	-.04	-10	-11
12-13-62 1283917 4680601 5-71					7		12,923	3.58	462							
1443217 ROMANDALE REFLECTION ATLAS....*		74	4	8-13,16,	141	2.0	14,246	3.73	531	18	86		-884	+.11	-17	-37
07-01-56 010198998 4519244 5-71				21,23,87	38		15,425	3.61	557							
1443231 BURNLEY INKLE HI HOPE.....		2	13	1-52	15	1.1	12,932	3.52	455	7	22		+1	-.01	-2	-2
03-04-63 1223904 4528400 5-71					17		12,816	3.63	465							
1443237 PINEHURST ADMIRAL VICEROY.....*		2	19	1-42	32	1.5	15,270	3.57	545	25	34		-68	-.03	-7	-8
05-19-63 1286826 4159085 5-71					11		15,646	3.69	577							
1443244 DIAMOND HILL GENERAL NAUTOCRAT*		5	19	3-50,51,	28	2.2	14,036	3.64	511	22	33		+4	-.02	-2	-2
06-29-62 1215402 3903192 5-71				55	20		14,034	3.73	523							
1443261 CLOVERBROOK BLEND ORMSBY.....		1	13	1-42	13	2.3	13,007	3.32	432	9	24		+34	-.04	-5	-3
01-31-63 1406684 5259526 5-71					10		12,748	3.55	452							
1443266 MALLARY HERALD.....*		6	15	2-11,13	24	1.7	17,430	3.65	637	17	32		+286	-.06	+2	+9
03-28-63 010260599 2877198 5-71					19		16,813	3.84	646							
1443268 IVY BOWER GOLDEN ADMIRAL.....*		4	8	1-81	15	1.9	14,518	3.43	498	31	31		-349	+.02	-10	-17
08-28-62 1237057 3086210 5-71					21		15,837	3.38	536							
1443304 KUPERS VEEMAN PRIDE.....*		5	7	1-33	15	2.7	16,101	3.76	605	8	36		+265	.00	+9	+14
09-05-62 1237057 4124897 5-71					47		15,514	3.79	588							
1443325 PIETJE KENNCREST CENTURION....*	21-10	59	1	3-13,16,	65	2.3	14,280	3.51	501	15	81		-614	-.05	-29	-40
12-16-61 010239301 011190795 5-71				21	23		15,163	3.57	542							
1443330 COOL LAWN GENERAL HOLLY.....*		2	9	1-51	15	2.1	14,273	3.63	518	0	31		-218	-.02	-11	-15
10-15-62 1215402 4377869 1-71					26		15,089	3.72	562							
1443331 LUDWIG KEYSTONE CONRAD.....*		2	7	1-42	10	2.1	14,529	3.37	490	0	26		+158	-.04	0	+4
02-17-63 1291028 4481153 5-71					9		13,920	3.54	493							
1443355 WISOF GOLDROCK GLEN.....*		1	14	1-74	14	1.0	12,571	3.54	445	7	19		-156	.00	-6	-9
12-25-62 1317558 4628881 5-71					36		13,322	3.61	481							
1443367 WISOF KING GUY.....*		9	1	5-34,35,	10	1.6	11,939	3.49	417	11	36		-734	-.03	-31	-45
12-27-62 1234490 4291722 5-71				63,72,74	21		13,978	3.63	507							
1443369 WISOF KING HERO.....*		5	10	2-35,41	18	1.4	16,998	3.68	625	18	31		+506	-.08	+6	+18
01-21-63 1234490 3620448 5-71					32		15,500	3.97	616							
1443382 PRIDE ORMSBY INKA.....*		3	16	1-50	20	1.5	13,288	3.57	474	56	26		+21	-.01	0	+1
10-14-62 1237057 4202874 5-71					32		13,125	3.60	472							
1443391 LECAL HEADMASTER HIBOY.....		1	23	1-11	23	2.1	11,610	3.54	411	**	26		-407	-.01	-16	-24
04-19-62 1349029 4311441 5-71					14		13,074	3.60	471							
1443425 TIDY BURKE FOBES DEAN C.....*		8	5	3-43,47,	23	1.4	16,357	3.48	570	0	45		+433	-.05	+9	+19
02-23-63 1440686 4414066 5-71				48	20		15,561	3.57	555							
1443434 BACONFARM ROYAL MASTER BOY....*		1	12	1-43	12	2.8	18,912	3.63	686	17	25		+349	-.01	+11	+18
09-15-62 I305460 5099968 5-71					24		17,890	3.66	655							
1443505 LOCKWAY LUCIFER BILL IVANHOE..*		5	16	2-23,51	30	1.8	15,405	3.97	611	4	37		+27	+.13	+19	+16
01-16-63 1189870 4875773 5-71					33		15,486	3.65	565							
1443520 BUTTERCUP DESIGN MAPLE.....*		2	32	1-35	34	1.7	13,723	4.12	565	9	27		-9	+.02	+2	+1
04-20-62 1386406 4194813 5-71					20		13,741	4.10	563							
1443523 GRAHAVEN KINSMAN-TWIN.....*		3	20	1-34	25	1.5	13,294	3.51	466	58	28		-118	+.02	-2	-5
02-24-63 010264804 011132877 5-71					19		13,702	3.47	475							
1443547 CHEM OLLIE PATHMASTER.....*		1	13	1-21	13	1.7	13,386	3.47	465	23	22		+12	-.03	-4	-3
04-03-63 1377688 4844715 5-71					12		13,265	3.68	488							
1443556 POLITICIAN HICKORYDALE PONTIAC*		5	14	2-50,51	21	2.0	12,463	3.60	449	5	31		-3	.00	0	0
11-06-62 1391977 5039355 5-71					13		12,312	3.61	445							
1443571 MOORE FARMS IMPERIAL SEARS....*		7	3	2-21,23	12	2.3	15,800	4.01	634	0	39		-258	+.20	+18	+8
12-21-62 1085978 4684244 5-71					22		16,743	3.57	598							
1443581 SARGES INSIGNIA COMET.....		1	31	1-48	31	1.5	13,928	3.66	510	7	25		+154	.00	+5	+8
08-25-62 1179372 3887548 5-71					12		13,236	3.68	487							
1443591 PAWNEE FARM ROMAN PETE.....		1	15	1-47	15	1.0	12,773	3.58	457	0	20		-237	.00	-8	-13
01-02-63 1414652 3885856 5-71					2		13,988	3.60	503							
1443658 ATHLONE STAR.....*		1	17	1-61	17	1.4	11,747	3.42	402	24	22		-436	-.06	-24	-31
05-11-63 1250992 4757235 9-70					12		13,689	3.77	516							
1443688 DE-WA-SEE CARLJO PRIDE ADMIRAL*		4	14	2-32,34	31	2.0	15,770	3.76	593	14	40		+213	.00	+8	+12
01-13-63 1237057 5026119 5-71					15		15,379	3.78	581							
1443714 TILLTOP QUEEN.....*		3	4	1-52	10	1.2	15,372	3.60	554	20	27		-108	+.03	0	-3
08-29-62 1222994 2660056 5-71					15		15,974	3.54	565							
1443749 BIG GREEN SEGIS CHIEFTAIN.....	35-75	20	1	6-34,35,	23	2.2	16,387	3.48	570	5	60		+607	-.06	+13	+27
10-28-62 1240125 4539824 5-71				55,91,93	50		15,527	3.56	553							
1443756 BONSDALE FAIR HILL DART.....*		3	39	1-51	43	1.7	14,675	3.78	555	3	28		+362	+.02	+16	+23
12-25-62 1388982 4315304 5-71					29		13,314	3.73	497							
1443820 RUNNINGWELL RELIGHT MIKE.....		1	13	1-34	13	1.2	14,108	3.60	508	**	20		-69	.00	-2	-3
04-01-63 1333144 4542949 1-71					14		14,513	3.60	523							
1443829 LAR-BOB GRAY VIEW PRIDE.....*	35-21	5	13	1-42	20	2.0	17,883	3.71	664	6	31		+647	.00	+23	+36
02-13-63 1244845 3844185 5-71					16		16,031	3.74	599							
1443858 HOOSIER SOVEREIGN FAVORITE....*		2	12	2-32,33	14	1.9	13,202	3.70	489	15	25		-194	-.02	-10	-13
08-06-62 1362410 4219889 5-71					49		13,986	3.83	535							
1443860 HOOSIER ROYAL MARKSMASTER.....*		5	9	2-58,63	18	1.9	13,907	3.59	499	7	35		+194	.00	+7	+11
12-02-62 975148 4393954 5-71					20		13,286	3.58	476							
1443880 FLEMINGDALE REFLECTION SOV....*		1	10	1-21	10	2.1	12,459	3.77	470	20	22		-514	+.03	-14	-25
10-01-62 010229512 010977123 1-71					41		14,918	3.64	543							
1443906 CAL-CLARK TEMPLATE PERFECTION.*		2	13	1-93	15	1.7	14,733	3.88	571	14	25		+127	+.02	+7	+9
03-13-63 1384331 4403445 5-71					37		14,247	3.84	547							

REGISTRATION NUMBER / NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	%	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1443915 MELODAY FOND HOPE DUKE.....*		1	18	1-35	18	1.4	13,327	3.55	473		24	22	-198	-.02	-10	-13
02-03-63 1243697 4723518 5-71					14		14,248	3.66	522							
1443972 KNOLLFIELD IDEAL DUKE.....		3	13	2-31,35	23	1.6	14,010	3.52	493	7	33		+190	-.05	0	+5
09-19-62 1335840 3446677 5-71					15		13,385	3.71	496							
1443983 AMESTEAD REVELATION.....*		2	22	1-33	24	2.1	13,465	3.89	524	22	27		-226	+.06	0	-6
12-03-61 1318021 2668719 5-71					20		14,342	3.71	532							
1443987 ROCK ELM SENATOR LAD.....		1	18	1-41	18	1.6	9,552	3.98	380	0	23		-14	+.05	+6	+5
03-24-63 1376402 4192998 1-71					25		9,135	3.70	338							
1443996 ECKRAN CROCKER KING-TWIN.....		1	45	1-48	45	1.6	10,345	3.80	393	15	26		-627	+.03	-18	-31
02-20-63 1329249 3512967 1-71					6		12,627	3.64	460							
1444015 MAIRSDALE INKA LEADER.....*		1	12	1-45	12	1.8	11,367	3.51	399	8	22		+53	.00	+2	+3
02-23-63 1280017 4763124 5-71					33		10,809	3.50	378							
1444032 WILLOMONTE BURKE PHANTOM.....*		6	7	3-41,81,	18	1.9	16,214	3.74	606	18	37		+471	+.04	+23	+31
02-08-63 1341571 3707852 5-71				87	15		15,044	3.64	548							
1444034 MILLER SUPREME DUKE.....	35-75	23	1	4-35,55,	27	1.9	14,966	3.64	545	35	62		-198	-.02	-10	-13
03-26-63 1179373 4463036 5-71				82,93	43		15,438	3.69	569							
1444057 RAG APPLE DICTA FOBES.....*		2	14	1-33	16	2.4	13,325	3.56	475	20	27		-218	-.07	-17	-20
07-24-62 1354483 3878376 5-71					9		14,186	3.85	546							
1444066 HOPPERS TOPPER DUKE.....*		6	4	2-63,65	12	1.6	15,649	3.30	516	**	33		+337	-.05	+5	+13
03-24-63 1293580 4778283 5-71					22		14,716	3.40	500							
1444123 STOFFELL GRAND EMPEROR.....		2	12	1-63	15	1.9	15,201	3.59	546	21	27		-173	+.03	-2	-6
09-24-62 1248502 4512448 5-71					10		16,059	3.52	565							
1444128 ROBURKE DANNY.....*		1	15	1-12	15	3.1	12,205	3.69	450	7	26		-284	.00	-10	-16
09-03-61 1065220 4270480 5-71					9		13,212	3.70	489							
1444129 WINDY TRAIL SKOKIE KING.....*		1	11	1-51	11	2.1	13,134	3.74	491	0	23		-261	+.02	-7	-13
03-10-62 1326839 4522019 5-71					31		14,319	3.69	528							
1444150 FARMSTEAD ROYAL PONTIAC.....*		4	17	2-32,34	22	1.4	14,999	3.60	540	5	27		+413	+.01	+16	+24
10-12-62 1397752 3765696 5-71					50		13,425	3.58	480							
1444156 ROBURKE HAMPSTEAD HOPE.....*		3	7	1-52	10	2.2	14,821	3.69	547	0	27		+104	-.01	+2	+4
02-25-62 1250992 4941939 5-71					34		14,486	3.74	542							
1444163 CITATION R SOVEREIGN.....*		3	11	2-33,35	15	1.6	13,632	3.64	496	15	26		-137	-.01	-7	-9
11-24-62 1492073 4674773 5-71					53		14,189	3.74	531							
1444166 GEM RAVEN STAR PRINCE.....*		4	11	1-31	29	1.5	13,475	3.70	498	23	41		-129	+.02	-2	-5
01-03-63 1274923 5267076 5-71					27		13,777	3.67	505							
1444177 MAPLE SHADOW ROBURKE SAM.....		2	23	1-21	31	2.1	13,733	3.55	487	7	33		-9	-.02	-3	-3
12-24-62 1065220 4607539 5-71					10		13,745	3.62	498							
1444178 DUTCH CORNER A LEADER.....*		4	11	2-21,92	16	1.6	15,914	3.56	566	23	28		-70	+.02	0	-2
12-27-62 1379390 5163908 5-71					25		16,421	3.51	576							
1444187 BONHEUR COLANTHA GLAMETTE.....*		2	11	2-14,21	13	2.2	13,864	3.43	475	8	25		-286	-.02	-13	-18
01-17-63 1282185 5332447 5-71					15		15,109	3.54	535							
1444254 CHIEF GOLDEN ROCKET.....*		10	6	5-11,13,	21	1.5	14,096	3.25	458	19	41		-285	-.10	-24	-27
01-10-63 1397517 4480801 1-71				14,21,58	24		14,894	3.50	522							
1444259 GERART SIR DOLLY BENEFACTOR...		1	14	1-42	14	1.5	14,895	3.54	528	7	22		+134	-.03	+1	+4
12-12-62 1199324 4978619 5-71					1		14,316	3.67	525							
1444261 FERTILE SLOPES ELLINGDALE PUNK*		2	8	2-35,74	10	1.6	14,825	3.79	562	14	23		+3	+.02	+3	+3
02-24-63 1403716 3927318 5-71					11		14,910	3.73	556							
1444273 MAYERS CAPITAINE MERCER.....*		1	21	1-42	21	1.7	14,989	3.49	523	10	24		+107	-.01	+2	+4
11-12-62 1394692 4981754 5-71					11		14,606	3.53	515							
1444289 SILVERLANE CAPSULE.....*		2	9	1-55	11	1.5	15,605	3.80	593	25	22		+174	+.03	+11	+14
02-24-63 1144239 4302474 5-71					22		14,929	3.66	547							
1444298 WOODLEDGE INKLE QUIZ.....		3	26	1-52	30	1.7	15,249	3.51	536	15	28		-293	-.03	-14	-19
12-10-62 1223904 4385938 5-71					24		16,574	3.61	599							
1444314 PLEASANT SITE IVANHOE KING....*		3	8	2-23,51	13	2.2	16,433	4.01	659	0	30		+94	+.05	+11	+12
01-20-63 1189870 4296694 1-71					14		16,361	3.89	637							
1444322 SOO GALE CRITERION PRIDE.....*		1	11	1-46	11	1.7	14,699	3.45	507	9	21		+137	+.01	+7	+9
01-03-63 1244844 4080461 5-71					6		14,072	3.34	470							
1444331 HAYLAND ADMIRAL JOE.....*		3	12	2-50,51	16	1.7	14,776	3.65	539	10	26		+339	-.01	+11	+18
06-27-62 1237057 4904904 5-71					24		13,433	3.71	498							
1444332 CAFFDALE SHANGHIGH TYPE MASTER*		4	16	2-32,33	21	2.1	14,458	3.82	552	27	30		+14	+.03	+4	+4
01-02-63 1297401 4255921 5-71					31		14,463	3.76	544							
1444341 COVE BREEZE DELLA.....*		6	3	2-51,52	10	1.5	13,363	3.82	510	14	31		-130	-.01	-6	-8
01-04-62 1151349 4033513 9-70					24		13,772	3.88	535							
1444362 RICH-HERO SOVEREIGN TEXAL.....*		7	13	1-47	23	1.9	15,254	3.39	517	20	35		-150	-.11	-20	-20
12-12-62 1382939 4671002 5-71					37		15,883	3.70	587							
1444369 MAVIEW SHAMROCK MARCUS.....*		3	17	1-52	25	1.4	13,902	3.62	503	20	30		0	-.01	-2	-2
06-27-63 010260599 3686630 5-71					23		13,903	3.70	515							
1444371 HOMERVILLE VICTOR FOND HOPE...*		4	5	2-31,54	10	1.4	12,652	3.75	474	33	26		-156	+.03	-2	-6
08-01-62 010248997 4430920 5-71					14		13,191	3.66	483							
1444394 OAN-VER ADMIRAL JAY.....*	33-03	2	12	1-93	14	1.2	20,903	3.50	731	0	22		+928	-.02	+30	+49
10-06-62 1237057 4609134 5-71					9		17,010	3.56	605							
1444404 EDELE PRIDE ADMIRAL GENERAL...		1	20	1-32	20	1.8	12,983	3.67	477	15	25		-101	-.02	-6	-8
07-23-62 1237057 4516993 5-71					7		13,337	3.78	504							
1444415 TUM-A-LUM MISTY SHAMROCK.....*	33-03	14	10	5-11,12,	41	1.4	15,912	3.74	595	27	50		+10	-.05	-6	-5
03-17-63 010260599 3999206 5-71				13,15,23	17		16,108	3.86	621							
1444417 PALO DURO GOLDEN SEVEN.....		1	37	1-73	37	2.1	13,397	3.72	499	10	27		+99	+.03	+8	+9
01-03-62 1314085 4936473 5-71					9		12,935	3.62	468							
1444436 EDGEWOOD HALL CRESCENT PRIDE..*		1	12	1-87	12	2.1	13,529	3.39	459	0	23		-262	.00	-9	-14
04-26-63 1237057 3944179 5-71					19		14,735	3.39	500							
1444441 LAUREL PARK PONTIAC INKA.....*		1	10	1-23	10	2.0	16,121	3.49	563	0	22		+235	-.06	0	+6
11-07-62 1298430 4888637 5-71					35		15,163	3.79	574							
1444466 RONDICK PURE GOLD.....*		2	8	1-34	10	1.8	15,776	3.64	575	30	22		+43	+.02	+5	+5
09-25-62 1326796 4395265 9-70					25		15,765	3.53	556							
1444485 E M C WHITE WONDER.....		2	16	1-93	20	1.6	17,916	3.35	600	21	27		+78	-.05	-4	-1
03-16-63 1386287 4815484 5-71					81		18,030	3.51	632							

REGISTRATION NUMBER / NAME / OF / BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES AND WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... HM/DAU	REC/OAU HEROMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1444488 RETLAW IDEAL MAJESTIC.....		1	15	1-41	15	1.7	13,238	3.63	480	31	23	-239	+.03	-5	-10
09-16-62 1342677 4800578 5-71					18		14,336	3.54	508						
1444494 HY-VU ROYAL HI HOPE.....*		2	12	2-31,33	15	1.8	13,247	3.78	501	21	26	-398	+.02	-11	-19
02-02-63 1250992 3625890 5-71					73		14,851	3.72	552						
1444525 IRDN-RIDGE KNIGHT.....		1	13	1-35	13	2.4	14,430	3.41	492	25	24	+39	-.04	-4	-2
07-15-61 1345627 4716769 5-71					11		14,302	3.61	516						
1444527 WAUKONA SKY BOMBER-TWIN.....*		7	7	3-81,86,	16	3.2	15,245	3.43	523	11	39	-102	-.05	-11	-12
07-14-61 1244845 3672003 5-71				91	33		15,686	3.56	559						
1444540 RDBURKE PRIDE LANCE.....		2	14	1-42	16	2.1	12,947	3.94	510	6	26	-89	+.04	+2	-1
03-22-63 1237057 4524435 5-71					7		13,218	3.81	504						
1444543 NEVADA PABST BUCCANEER.....*		2	16	2-43,48	20	2.0	16,566	3.37	559	6	28	+396	-.04	+8	+17
04-04-63 1249430 3862800 5-71					30		15,309	3.49	534						
1444553 HAGEMANS HARK CRISSCROSS-TWIN.*		4	6	2-35,51	11	2.2	14,990	3.87	580	10	29	-246	+.10	+5	-2
01-15-63 1378594 4587526 5-71					15		16,038	3.56	571						
1444569 PREVIEW MAGIC OUKE.....*		2	24	1-43	26	1.6	12,514	3.54	443	0	26	-436	+.04	-11	-20
01-13-63 1138451 5091154 5-71					17		14,221	3.44	489						
1444637 MAPLEWOOD LANE CRISSCROSS.....*		5	4	2-33,43	13	2.0	12,482	3.85	480	15	37	-866	+.09	-20	-39
12-29-62 1378594 4254233 5-71					24		14,945	3.63	542						
1444648 ERWINDALE CAPTAIN KIOO.....		3	8	1-21	11	2.5	15,464	3.54	547	33	28	+47	-.02	-1	0
12-24-62 1144239 4807308 5-71					9		15,444	3.63	560						
1444650 TEXAL PINEHURST MAPLE.....*		5	14	4-34,35,	29	2.0	14,783	3.83	566	12	38	+9	+.05	+7	+6
08-01-62 010264804 5770848 5-71				72,73	31		14,851	3.73	554						
1444652 RANETT ADMIRAL COUNT.....*		3	8	2-32,35	11	1.3	15,273	4.09	625	18	23	-271	+.13	+8	0
03-18-63 1374399 3550022 5-71					14		16,722	3.58	599						
1444666 WEBHAVEN BURKE PABST.....		1	16	1-35	16	2.0	9,644	3.41	329	0	24	-493	+.01	-17	-27
10-07-62 1298858 4808164 5-71					10		11,455	3.44	394						
1444682 ROYVIN ADMIRAL JUPITER TWINKLE		1	16	1-41	16	1.0	16,418	3.74	614	**	20	-2	.00	0	0
06-26-62 1237057 4696787 1-71					3		16,711	3.74	625						
1444695 FENNER CRISTY BUR-TWIN.....		1	12	1-21	12	1.0	13,939	3.84	535	**	19	+6	+.04	+6	+5
02-03-63 1140763 3772222 5-71					5		13,903	3.63	504						
1444698 GEORGE HOMESTEAD NORTON.....*		1	16	1-35	16	2.3	15,674	3.59	562	14	25	+73	-.03	-2	0
12-02-62 1282127 4187593 5-71					16		15,544	3.74	581						
1444741 SHAWS CHIEFTAIN CREAMELLE.....*	35-05	55	2	5-33,35,	81	1.3	13,401	3.70	496	28	80	-1,103	.00	-40	-62
06-04-63 1397517 3546455 5-71				42,74,91	17		14,884	3.71	552						
1444742 SHAWS CHIEF LESEYLA AIM.....*		1	26	1-21	26	1.5	16,022	3.94	631	46	24	-128	+.06	+3	-1
06-16-63 1397517 3556988 5-71					41		16,851	3.74	631						
1444743 GYPSIE IDEAL KIL-BAR KING.....		1	24	1-46	24	1.9	13,939	3.52	491	0	26	-64	+.01	-1	-2
02-07-63 1292993 4059136 1-71					9		14,221	3.51	499						
1444758 TEEQUE IRA ACE LUKE.....		1	24	1-57	24	1.4	15,919	3.62	576	0	24	+226	.00	+8	+13
02-08-63 1283937 4952081 5-71					39		15,068	3.63	547						
1444777 ROLLING LAWNS ALAN SUPREME....*		1	15	1-33	15	1.5	15,468	3.57	552	0	22	+33	-.01	0	+1
01-19-63 1382768 4999631 5-71					18		15,467	3.63	562						
1444806 KRULL PROSPERITY GOVERNOR.....*		11	1	4-33,34,	14	1.6	13,969	3.46	483	14	44	+264	-.08	-2	+5
11-20-62 1403477 3965888 5-71				35,61	15		13,298	3.68	489						
1444809 HAMPS ORMSBY BURKE.....		2	24	2-55,57	28	1.7	13,321	3.39	452	0	28	-263	+.01	-8	-13
02-18-63 1396112 2993742 5-71					8		14,312	3.37	482						
1444821 MAPLE GROVE JOHANNA JIM.....*		1	17	1-23	17	1.5	16,398	4.00	656	13	23	+283	+.02	+13	+18
03-27-63 1187680 4224322 1-71					16		15,280	3.99	609						
1444841 SAXOJAC SHERRY SUPREME.....*	21-10	53	1	3-13,21,	56	2.3	15,017	3.76	564	8	79	+3	+.15	+21	+18
04-11-63 1136723 4338193 5-71				23	26		15,132	3.58	541						
1444843 MAYERS OUKE FOBES ANNA.....*		4	14	2-22,35	29	2.0	11,855	3.82	453	25	39	-611	+.01	-21	-33
08-08-62 1293580 3914860 5-71					28		13,380	3.83	512						
1444847 MAYERS CAPITAINE REWARD.....*		4	12	2-35,73	17	2.3	16,697	3.56	595	18	31	+299	-.02	+8	+14
10-02-62 1394692 4981753 5-71					17		15,917	3.63	577						
1444859 MOOSEHEART CRUSADER.....*	33-03	9	5	5-32,33,	17	2.0	16,195	3.57	578	0	40	+143	-.06	-3	+1
02-08-63 1014925 3687388 5-71				35,65,74	19		16,049	3.73	598						
1444862 ATHLONE FILIP.....		1	39	1-64	39	1.5	11,980	3.82	458	10	26	-510	+.06	-11	-22
05-25-63 1080108 4198754 5-71					27		13,990	3.62	506						
1444869 PELTZ ROBURKE GRAY VIEW.....		5	8	1-41	18	1.7	13,951	3.53	493	17	35	-107	-.02	-7	-9
03-29-63 1244845 4370167 5-71					11		14,290	3.62	517						
1444889 LUNDLAND LEADER WHIRLWIND.....*		5	6	4-23,35,	12	2.3	14,403	3.94	567	0	33	-117	+.08	+7	+3
01-20-63 1221226 4551896 5-71				52,55	16		14,857	3.70	549						
1444907 WILLINA MAGIC FLASH.....*		1	12	1-91	12	2.0	13,088	3.79	496	10	23	-148	+.02	-2	-6
07-29-62 1257742 4001701 5-71					18		13,730	3.73	512						
1444935 KOOI PRIDE ABE VAR.....*	91-13	9	17	1-93	72	1.6	17,417	3.57	622	7	56	+413	-.03	+10	+19
01-28-63 1376340 4055040 5-71					69		16,987	3.62	615						
1444943 EJLANE RANOY HI HOPE.....*		6	14	1-47	30	2.2	13,797	3.90	538	5	41	-71	+.03	+2	0
07-17-62 1250992 4658263 5-71					14		13,979	3.83	536						
1444974 KEN VER NEIL COUNT RAY.....*		3	19	1-48	23	2.3	16,244	3.73	606	0	29	+60	+.02	+5	+6
09-15-62 1350414 4631449 5-71					22		16,273	3.68	599						
1444994 PUGET SOUND GALLANT.....*		4	11	3-81,87,	25	1.4	16,086	3.60	579	28	36	-310	-.02	-14	-20
03-23-63 1215448 4485835 5-71				93	20		17,273	3.67	634						
1445000 PALO OURO GOLDEN NETHERLAND...		1	28	1-73	28	1.5	10,958	3.80	416	30	25	-493	+.07	-8	-19
09-01-62 1314085 3879297 5-71					4		12,838	3.47	446						
1445017 ROYAL COMET ECHO.....		1	15	1-41	15	2.0	15,583	3.52	548	13	24	-86	-.05	-10	-11
03-17-63 1399774 4147685 5-71					10		16,171	3.72	602						
1445048 GLORIELUMAE CHIEF NEPTUNE.....*		6	7	2-11,13	15	2.7	15,868	3.90	619	0	36	-21	+.04	+5	+4
09-10-62 1397517 4544057 5-71					16		16,149	3.82	617						
1445073 HAYSSEN DIAMOND CROSS.....*		10	5	4-23,35,	18	2.1	15,372	3.86	593	6	43	+374	+.02	+17	+24
05-15-63 1378594 4626213 5-71				41,47	23		14,554	3.84	559						
1445095 SUNNYDECK RAG APPLE SELECT....*		4	7	1-91	22	1.6	15,165	3.49	529	0	41	+56	+.01	+4	+5
02-11-63 1380550 4232742 5-71					31		15,148	3.45	522						
1445096 SUNNYDECK RAG APPLE SIGNET....*		3	5	1-91	10	1.3	16,539	3.33	551	0	25	+325	-.05	+5	+13
02-26-63 1380550 4174373 5-71					35		15,383	3.46	533						

REGISTRATION NUM8ER NAME OF 8ULL	STUD CODE	NUM8ER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1445138 EVORHIL CANDY CRIS REX.....		2	7	1-41	1D	2.1	1D,745	3.69	396	0	26	-370	+.02	-11	-19
D7-31-62 1271480 4271597 5-71					10		11,988	3.62	434						
1445180 WOODSIDE FARM 8URKGOV QUALITY.*		2	8	1-21	11	3.D	14,809	3.28	486	D	29	-412	-.02	-17	-25
12-16-62 1D38509 4177729 5-71					44		16,484	3.35	552						
1445194 S C P TDC 8ETO IDEAL.....*		1	12	1-74	12	1.5	13,972	3.47	485	0	21	+82	-.D2	0	+2
11-19-62 1376243 5162082 5-71					30		13,543	3.57	484						
1445198 SIGNET DUNLEA 8ESVIEW F.....*		6	12	1-23	22	1.5	16,508	3.77	622	6	32	+599	+.D4	+28	+39
05-06-63 010249530 5805D78 5-71					15		14,726	3.65	537						
1445206 CARNATION WISDOM REWARD.....		2	8	1-42	10	2.2	14,369	3.40	488	20	24	+243	-.05	+1	+7
06-08-63 1376906 5342641 5-71					7		13,298	3.61	480						
1445215 CARNATION MADCAP ORATOR.....*		5	5	1-43	11	2.1	11,880	3.71	441	D	32	+19	.00	+1	+1
03-07-63 1233776 4051117 5-71					37		11,583	3.72	431						
1445219 CARNATION ROYAL PRIDE.....*		9	5	5-33,35,	16	1.2	13,812	3.71	513	8	36	-111	+.01	-3	-5
04-10-63 1305460 4280938 5-71				42,74,87	29		14,143	3.73	528						
1445221 CARNATION ROYAL PILOT.....*		2	8	2-51,52	10	1.5	17,707	3.33	589	10	22	+460	-.07	+7	+18
05-30-63 1305460 5310778 1-71					24		15,779	3.57	564						
1445278 8 D I SKOKIE CHAMP A8EL.....	51-D2	123	3	6-21,31,	204	1.3	15,981	3.51	561	9	90	+1,615	-.16	+33	+69
05-28-63 1282185 4623793 9-70				51,52,54	25		14,216	3.71	527						
1445279 8 D I REROYAL PAUL LUCKY.....*		4	52	1-52	68	1.9	15,930	3.43	547	3	34	+261	-.04	+4	+10
01-30-63 1192713 4821869 5-71					98		15,290	3.52	538						
1445283 SIR KIOWA LEADER.....		2	7	1-42	12	1.0	13,834	3.51	485	75	25	+155	-.D1	+4	+7
08-01-62 1297420 4233148 9-70					5		13,125	3.53	463						
1445295 CLEM TOWER CHIEFTAIN.....		2	12	1-34	14	2.7	17,899	3.72	665	7	28	+650	+.03	+28	+40
03-23-63 1253032 4741777 5-71					38		15,722	3.63	571						
1445388 STILOGGIN MURIEL MISTER.....*		4	8	1-23	27	1.9	13,98D	3.71	518	29	45	-480	+.04	-12	-22
01-17-63 1287089 4516686 5-71					19		15,164	3.64	552						
1445398 PA8ST IDEAL ADMIRATION.....*		7	5	1-42	21	1.3	13,769	3.68	5D7	8	43	-143	+.04	0	-4
04-04-63 1406548 5338647 1-71					18		14,124	3.61	510						
1445399 PA8ST CRISSCROSS LEADER.....*		1	27	1-21	27	1.7	14,501	3.85	558	23	25	-397	+.D6	-6	-15
03-14-63 1378594 4230293 5-71					11		16,312	3.65	595						
1445401 FULTONWAY IVANHOE ROYAL.....*	23-13	123	2	4-21,22,	179	2.0	14,668	3.79	556	8	91	+54	+.09	+15	+14
01-09-63 1189870 4382863 5-71				23,50	23		14,682	3.71	544						
1445402 GRAND VIEW LASS REROYAL TOM...		1	21	1-32	21	2.0	13,457	3.76	506	17	25	-113	.00	-4	-6
01-27-63 1192713 4548682 5-71					10		13,903	3.80	529						
1445445 LYON BROOK IVANHOE CLASSIC....*		9	1	2-14,21	10	1.8	14,103	3.66	516	22	37	-240	+.05	-2	-8
07-29-63 1418796 5044766 5-71					21		14,842	3.54	525						
1445460 LODESTAR RYANCREST F A LAIRD..*		1	19	1-23	19	1.3	13,381	3.58	479	23	22	-190	-.01	-8	-12
02-09-63 1315718 3980178 5-71					14		14,287	3.67	524						
1445475 DEE ANN MATADOR.....*		2	8	1-93	10	1.8	18,200	3.41	620	0	23	+329	-.01	+11	+18
09-30-62 1230610 3894636 5-71					23		17,086	3.41	582						
1445477 DEE ANN WESTERN PRINCE.....*		1	12	1-86	12	2.3	16,508	3.56	587	18	23	-2	+.04	+5	+4
02-01-62 1357591 4679646 5-71					68		16,807	3.40	571						
1445487 ARLINDA AM8ASSADOR.....*		3	7	1-93	13	1.5	16,341	3.68	602	18	29	-42	+.D3	+2	+1
04-15-63 1283917 4458327 5-71					31		16,773	3.61	606						
1445488 FROSTEAD SENATOR MAGNESS.....*		3	5	1-41	10	1.5	12,855	3.63	467	33	26	-19	.00	-1	-1
07-20-63 1376402 3660936 1-71					16		12,821	3.69	473						
1445513 WILLMIL FOND MINSTREL.....*		2	8	1-51	15	2.5	15,631	3.90	610	14	35	+95	.00	+4	+6
02-12-63 1243697 5070039 5-71					25		15,513	3.92	608						
1445533 SUNGOLD RANDY DEE.....*		3	19	2-31,32	26	1.7	14,534	3.61	524	14	30	-242	+.02	-6	-11
11-09-62 1121706 4696865 5-71					12		15,505	3.56	552						
1445569 LAVACRES SOVEREIGN PIETJE.....*		14	13	2-84,93	79	1.6	17,251	3.58	618	11	63	+116	+.01	+5	+7
03-25-63 1382958 3948870 5-71					88		17,415	3.57	622						
1445575 EXRANCO NEPTUNE.....	93-03	3	23	1-93	28	2.0	18,432	3.41	628	0	31	+360	-.08	+2	+11
05-25-63 1098656 4902505 5-71					214		17,628	3.61	636						
1445590 MAYERS DUKE MISTER.....*		7	3	5-13,23,	13	2.0	13,252	3.80	503	33	39	-237	+.06	0	-6
08-07-62 1293580 3309706 5-71				35,45,46	13		13,849	3.65	505						
1445607 WOOD MILL ABBEKERK FOND EDEN..*		7	4	3-14,16,	14	2.3	14,414	3.95	569	0	39	-203	+.10	+6	0
01-15-63 1243697 4274159 5-71				21	15		15,042	3.72	559						
1445614 MOSSYRIDGE MILO REVELATION....*		8	3	5-31,33,	15	1.4	13,463	3.54	476	0	40	-119	-.02	-7	-9
02-04-63 1279190 4227094 5-71				35,55,74	61		13,742	3.59	494						
1445645 ST CROIXCO SUPREME MODEL.....	41-25	26	1	4-35,41,	3D	1.8	14,109	3.65	515	11	65	+343	+.01	+14	+21
02-04-62 1347065 4904502 5-71				42,47	11		13,536	3.64	493						
1445654 ROCKCREST PERSEUS.....*		2	12	2-43,73	14	1.7	13,431	3.70	497	36	24	-350	+.03	-9	-17
07-22-63 010260599 3752836 5-71					17		14,986	3.62	542						
1445666 HAS8ROUCKS COMMODORE SUN RAY..*		1	19	1-23	19	2.1	13,424	3.58	481	7	26	-369	-.02	-16	-23
12-22-62 1378721 3607547 5-71					30		14,977	3.69	552						
1445683 VALLA VISTA GREAT POSCH.....*		4	10	1-21	15	1.8	15,467	3.74	579	31	28	+17	+.06	+9	+8
06-03-63 1243399 3138737 5-71					23		15,568	3.55	553						
1445684 WILLCOMM 8URKE DUKE.....		2	11	2-35,41	13	2.4	13,994	3.39	474	15	26	-30	-.04	-6	-6
11-21-62 1264911 3756965 5-71					18		14,133	3.54	501						
1445703 LEDON CYCLONE 8ARON.....		2	48	1-48	57	1.9	16,988	3.60	612	27	31	+119	+.02	+7	+9
01-07-62 1389D64 4500913 5-71					19		16,905	3.55	600						
1445704 LEDON ORMSBY LAMP8LACK.....*		1	27	1-48	27	2.3	16,840	3.56	599	17	27	-128	+.01	-3	-6
01-21-62 1271122 3886308 5-71					42		17,692	3.54	626						
1445718 CARNATION HOMESTEAD REFLECTION*	91-11	149	4	23-21,34,	240	1.3	14,356	3.72	534	18	90	-644	+.06	-15	-29
04-11-63 010248207 4004375 5-71				35,42,91	22		15,197	3.67	557						
1445725 HIGH MEADOW FARM SKY HIGH.....	33-03	64	2	18-21,23,	82	1.2	14,591	3.60	526	15	80	+128	-.01	+3	+6
02-10-63 1244845 5D76948 5-71				33,35,41	2D		14,486	3.62	524						
1445728 PAINT CREEK REFLECTION SOV....		1	15	1-42	15	1.5	10,076	3.55	358	**	22	-82	.00	-3	-5
04-23-63 1276654 4288482 5-71					11		10,058	3.58	360						
1445729 SILVERSTREAM AUDACIOUS.....*		1	10	1-35	10	1.9	13,645	3.90	532	D	22	+105	+.D2	+6	+8
03-25-63 1237747 3507107 5-71					18		13,070	3.84	502						
1445744 ROYAL CAPTAIN WIS.....*		4	10	2-35,63	15	1.7	15,021	3.34	501	29	29	+28	-.05	-6	-4
04-04-63 1144239 4597531 5-71					18		15,D32	3.53	530						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... OAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	% REPT	PREDICTED DIFFERENCES MILK	%	FAT	$$
1445747 WOOD8OURNE EMPHASIS.....*	33-03	340	8	35-21,23,	595	1.3	14,187	3.44	488	19	94	-182	-.17	-30	-30
04-14-63 010233528 2734741 1-71				31,34,35	40		14,430	3.62	523						
1445759 MELIUS DUKE AM8ASSADOR.....*		3	6	1-35	16	1.2	13,325	3.30	440	19	34	-421	-.08	-26	-33
04-12-63 1314046 4326694 5-71					12		14,653	3.57	523						
1445819 E M C SUPREME MASTER.....*		2	6	1-93	10	2.0	16,483	3.63	599	0	28	-181	+.04	-1	-6
05-14-63 1382768 5308523 5-71					48		17,493	3.53	618						
1445841 QUESTOVER RE8URKE ROYAL JULER.	34-01	42	2	1-34	68	1.6	13,842	3.84	532	15	77	-351	+.16	+9	-2
03-17-63 1124780 4174159 5-71					20		14,338	3.64	522						
1445849 ZIMMERMAN PILOT STAR AROYAL...	93-02	2	13	1-93	15	1.1	17,067	3.55	606	0	22	+390	-.02	+11	+19
12-06-62 1261857 5073959 5-71					246		15,424	3.63	560						
1445884 INDIANA RAVEN DUKE.....*		5	5	2-32,73	14	1.1	14,212	3.37	479	8	30	+145	-.04	0	+4
08-11-62 1406597 3681458 5-71					24		13,710	3.48	477						
1445890 CARNATION ROYAL EXECUTIVE.....*		14	3	2-21,23	25	2.1	13,470	3.50	472	12	55	-700	-.04	-31	-44
07-28-63 1305460 3769610 5-71					16		14,826	3.60	533						
1445892 CARNATION IDEAL PONTIAC.....*	35-05	20	2	5-33,35,	36	1.8	14,607	3.60	526	8	65	+43	-.05	-5	-3
05-14-63 1175596 3263426 5-71				41,42,65	24		14,607	3.69	539						
1445899 OUNWANOERIN RAG APPLE JOE.....*		6	11	5-33,42,	22	2.2	16,532	3.44	568	14	37	+855	-.05	+24	+42
10-08-61 1339960 4743471 5-71				57,63,73	33		14,260	3.53	503						
1445906 JOHN VIOALE GOLD 8OND.....*		7	5	3-35,41,	14	1.8	11,001	3.66	403	33	35	-957	+.03	-30	-50
07-09-62 1095002 4825268 5-71				57	13		13,716	3.57	490						
1445913 SKOKIE CREATION MARATHON.....*		5	4	1-34	11	1.1	14,133	3.79	536	0	28	+193	+.06	+15	+17
04-01-63 1280015 4228700 5-71					13		13,398	3.60	482						
1445915 SKOKIE OUKE MEDALIST.....*	35-03	79	4	5-33,35,	139	1.8	15,121	3.58	542	11	86	+712	-.13	+7	+24
06-16-63 1288610 4593634 5-71				73,74,85	41		14,330	3.75	537						
1445941 WAL-CO-FARM CRISSCROSS LAD....		3	10	2-33,35	14	1.5	12,418	3.78	470	0	25	-322	+.07	-2	-10
09-10-62 1378594 5021110 5-71					22		13,677	3.51	480						
1445950 EAVESTEAD PIE8E SENSATION.....*		4	7	1-21	12	1.7	13,988	3.72	520	10	28	-297	+.03	-7	-14
06-22-63 1378745 4128526 1-71					35		15,188	3.63	552						
1445953 SKYLINER COMMANDER.....*		2	13	1-32	15	1.5	13,681	3.62	495	**	24	-124	.00	-5	-7
08-18-61 1244845 4353403 5-71					8		14,243	3.67	523						
1445957 WINTERTHUR IVANHOE KID SAMSON.*	23-09	4	15	2-61,63	22	1.6	15,616	3.71	580	0	30	+122	-.01	+3	+6
03-29-63 1189870 4602072 5-71					18		15,349	3.75	576						
1445987 TRI-ELM OUKE.....*		2	17	1-41	19	1.4	12,914	3.47	448	6	24	-228	-.01	-9	-13
07-26-63 1288610 5054553 5-71					9		13,855	3.53	489						
1445996 PERKS-CRESTVIEW BEAUTY PEPPER.		1	13	1-48	13	1.9	11,261	3.52	396	20	23	-281	.00	-10	-16
07-29-62 1384513 4627908 5-71					13		12,320	3.54	436						
1446080 MAX ROSAFE.....*		4	5	2-32,72	13	1.6	12,749	3.37	430	0	33	-345	+.03	-9	-16
04-10-63 1492073 5623787 5-71					18		13,784	3.30	455						
1446081 TYCOON SKY ROCKET.....*		1	10	1-41	10	1.9	16,771	3.64	611	0	21	+279	+.04	+16	+21
07-18-63 1341564 5234391 1-71					7		15,617	3.44	537						
1446092 ROMANOALE ALMERSON MARQUIS....*		3	11	2-21,54	15	1.5	14,795	3.26	482	47	25	+1	-.04	-6	-5
01-27-63 010260008 011082739 5-71					44		14,887	3.43	511						
1446093 MONCONY ARISTOCRAT JU8ILEE....	35-75	26	2	8-21,33,	34	1.8	15,723	3.65	574	14	66	+304	+.05	+18	+23
06-04-63 1124780 3573017 5-71				34,35,93	71		15,409	3.58	552						
1446096 SAN JOHO TIDY PATRICK.....*		2	11	1-93	13	1.9	16,745	3.60	603	8	25	+86	-.02	0	+2
09-06-62 1178318 4640734 5-71					46		16,670	3.71	618						
1446115 ALVERE 8ELLE RINGER.....*		2	9	1-52	11	2.1	13,227	3.59	475	0	25	-313	+.02	-8	-15
09-13-62 1259069 4873526 1-71					32		14,553	3.53	513						
1446118 INKA ELMCROFT JESTER.....*		18	5	5-14,16,	34	1.6	13,231	3.54	468	38	55	-1,161	-.01	-43	-66
01-01-63 010247186 011495469 5-71				21,23,86	30		15,503	3.57	553						
1446134 SOO LAND REUVERS 8UTTER BOY...*		1	32	1-42	32	1.5	14,558	3.23	470	4	25	+165	-.08	-6	-1
02-19-63 1372018 3377244 1-71					9		13,885	3.58	497						
1446145 ARLINDA SIR PIET.....*		4	5	1-93	11	1.6	19,813	3.62	717	22	29	+580	-.01	+19	+31
03-06-63 1407724 4997562 5-71					30		18,218	3.66	666						
1446156 LUCKY SEVEN CORONATION KING...*		2	18	2-34,63	20	1.6	14,078	3.54	498	10	25	+77	-.01	+2	+4
05-18-63 1395663 4022710 5-71					24		13,752	3.54	487						
1446158 INKA SPARTAN PRINCE.....*		2	21	2-23,35	23	1.7	13,174	3.77	497	0	26	-167	+.02	-3	-7
08-26-61 1061907 4187211 5-71					8		13,812	3.73	515						
1446163 HEIOE-AWAY AL SKYLINER LUCKY..*		1	14	1-22	14	2.0	14,606	3.57	521	8	23	+163	-.03	+2	+6
09-19-62 1244845 4692028 5-71					19		13,904	3.70	515						
1446182 ELMOKA JOE JOEL.....*	35-05	42	2	6-33,35,	64	1.5	14,258	3.88	553	13	76	-194	+.16	+15	+7
03-16-63 1106334 4176330 5-71				41,42,63	20		14,578	3.68	536						
1446183 ELMOKA HOMESTEAO HIRAM.....		1	22	1-35	22	1.4	13,637	3.85	525	5	23	+33	+.01	+2	+3
03-26-63 1106334 5115057 5-71					43		13,444	3.85	518						
1446184 S C P STAR CAP GENERAL.....*		2	11	1-56	13	2.0	14,303	3.53	505	31	25	+252	-.01	+8	+13
06-13-63 1274923 4358647 5-71					84		13,218	3.56	470						
1446223 SHADY VISTA ELM RIDGE BURT....*		1	19	1-35	19	2.6	13,520	4.06	549	0	27	+172	+.01	+8	+11
08-14-62 1222048 4426186 5-71					33		12,766	4.07	520						
1446241 SOVEREIGN PEEL LOOGE PREMIER..*		3	39	1-34	43	1.6	15,074	3.75	565	29	28	-154	+.04	0	-4
03-15-63 010233528 011157173 5-71					26		15,820	3.61	571						
1446272 MUROC WALKE ROYAL CREST.....*		3	4	1-21	11	2.4	17,574	3.51	616	18	33	+342	-.04	+6	+14
07-09-63 1380945 4442809 5-71					44		16,837	3.62	610						
1446276 CLOVER V TIDY 8URKE PROSPECTOR*		2	13	1-21	15	1.9	12,468	3.29	410	14	25	-247	-.07	-19	-22
08-25-62 1283917 5099345 5-71					18		13,387	3.62	485						
1446286 FULTON FARMS SOVEREIGN PRINCE.*		9	3	2-52,55	18	1.8	16,775	3.48	584	0	47	+709	-.04	+19	+34
07-10-63 1314270 4515515 5-71					13		15,411	3.56	549						
1446297 SUNNY R GLAMOUR 8OY AMOS.....	35-75	37	2	9-21,35,	49	1.7	15,681	3.43	538	17	73	+138	-.15	-16	-10
02-17-63 1282185 5315622 5-71				55,91,93	50		15,665	3.63	568						
1446334 WALHOWDON VERNSIDE PAUL.....*		1	17	1-12	17	1.4	13,641	3.83	523	13	22	+238	+.05	+15	+19
07-20-63 1303347 4268445 5-71					31		12,416	3.64	452						
1446342 CITATION APACHE WARRIOR.....		2	61	1-86	65	2.0	14,612	3.31	483	23	29	-300	+.01	-9	-15
09-29-60 1492073 011144474 5-71					125		15,824	3.29	520						
1446347 SHEN-ROCK LAUXMONT WALLIE.....*		5	5	1-52	16	1.9	18,404	3.44	634	33	38	+49	-.04	-4	-2
08-27-62 1190632 3671012 5-71					24		18,757	3.54	664						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1446399 TUFTS POLKADOT JOAT.....		2	18	1-74	27	2.7	16,551	3.72	615	8	35	+291	.00	+11	+17
08-15-62 1257239 5029127 5-71					90		15,919	3.73	593						
1446407 WILLOW-MERE COLAD SKYLINER....		1	11	1-82	11	1.9	15,357	3.54	543	0	22	+309	-.01	+10	+16
09-26-62 1244845 4605122 5-71					69		13,954	3.57	498						
1446414 AUTOMATION SEGIS.....*		8	32	2-21,22	45	2.4	16,718	3.71	620	5	35	+146	+.02	+8	+10
08-26-62 1353009 3794539 5-71					27		16,568	3.67	608						
1446425 CLOVERBROOK MASTER NATE.....		2	29	1-42	33	1.8	11,827	3.50	414	11	28	-761	+.02	-25	-40
04-07-62 1285965 3539175 1-71					6		14,582	3.48	507						
1446438 BROADOAK RELIANCE LEADER.....*		5	11	1-41	18	1.9	12,782	3.58	458	13	31	-596	-.03	-25	-36
10-21-62 1302074 4403286 5-71					8		14,779	3.69	546						
1446458 BON-OO-LAR PEARL TEX.....		3	23	1-84	27	1.3	14,790	3.58	530	8	26	-211	-.02	-10	-14
03-30-63 010264804 4307929 5-71					60		15,801	3.67	580						
1446479 DEANWAY CUPID PERFECTO.....		1	14	1-87	14	2.0	17,726	3.62	641	8	23	+434	-.03	+12	+21
09-14-62 1394802 4474162 1-71					13		16,086	3.72	599						
1446505 DURALYNE ROYAL DESTINY.....		2	25	1-35	44	2.3	13,104	3.99	523	2	40	-462	+.16	+5	-8
11-29-62 1380945 5107433 5-71					11		14,307	3.58	512						
1446510 CHEERYLANES FABULOUS JULIUS...		2	23	1-82	27	1.4	11,899	4.10	488	12	26	-476	+.07	-8	-19
03-08-63 1406894 4206229 1-71					26		13,696	3.84	526						
1446511 CHEERYLANES COMMANDER.....		2	36	1-91	45	2.2	14,127	3.96	559	19	32	-153	+.04	0	-4
11-06-62 1340669 4366567 5-71					8		14,678	3.86	566						
1446515 HAYSSEN MASTER ALEX.....*		1	10	1-35	10	1.9	13,051	3.95	515	11	21	-311	+.02	-9	-16
07-14-63 1409357 5184391 5-71					23		14,597	3.90	569						
1446516 HAYSSEN MASTER AJAX.....*		8	14	3-21,35,	38	1.7	15,267	3.47	530	3	43	+184	-.07	-3	+2
07-16-63 1409357 4022083 5-71				65	16		14,942	3.63	543						
1446518 HAYSSEN A&C MIKE-TWIN.....*		2	9	1-35	11	1.7	14,408	3.37	485	0	24	+34	-.03	-3	-2
07-01-63 1412432 5027590 5-71					8		14,300	3.52	504						
1446519 HAYSSEN A&C PAT-TWIN.....*		5	7	2-35,42	25	1.3	13,767	3.58	493	17	42	-59	.00	-2	-3
07-01-63 1412432 5027590 5-71					14		13,904	3.59	499						
1446548 DIAMOND J MASTER PILOT.....*		4	26	1-93	66	1.5	14,289	4.03	576	6	45	-304	+.07	-1	-9
03-22-63 1305460 4315610 5-71					31		15,076	3.91	589						
1446552 RICVILLE PONTIAC CREWMAN.....*	35-05	29	2	4-35,41,	43	1.7	13,895	3.58	497	18	70	-479	-.07	-27	-35
01-03-63 1397752 3142294 5-71				42,91	20		14,651	3.69	540						
1446567 EUREKA HOWAROS PERSEUS.....*		3	9	1-31	13	1.8	14,217	3.65	519	27	26	-407	+.04	-9	-18
06-23-63 010260599 5238920 5-71					18		15,984	3.52	563						
1446609 CLARINDA DEAN ADA PAUL.....	35-21	27	1	5-35,41,	30	1.9	14,043	3.60	506	8	65	+276	-.02	+7	+13
06-19-63 1085978 3912798 5-71				42,43,47	18		13,580	3.65	495						
1446634 DORWIN ABEL PRIDE LEA.....		1	17	1-21	17	1.6	11,051	3.45	381	**	23	-131	.00	-5	-8
06-13-63 1282262 4122022 5-71					22		11,362	3.49	397						
1446643 PRINCE GYPSIE DESIGN.....		1	21	1-41	21	2.0	12,227	3.65	446	24	25	-190	+.01	-5	-9
11-30-62 1298378 3995323 5-71					7		12,879	3.61	465						
1446646 MEL-ANN IVANHOE MAX.....*		7	6	1-23	17	1.8	17,060	3.66	624	6	39	+688	-.05	+18	+33
06-22-63 1189870 3545468 5-71					17		15,426	3.79	585						
1446647 SABINA LELIA BURKE JAMES.....*		2	21	1-11	28	2.0	12,827	3.67	471	8	32	-35	.00	-1	-2
06-13-63 1415034 4235301 5-71					31		12,829	3.70	475						
1446662 PEEGIE FORWARD MARK.....*		1	21	1-23	21	2.1	13,306	3.83	509	20	25	-327	+.03	-8	-15
08-25-62 1276959 4894100 5-71					11		14,677	3.75	550						
1446678 SEILING WAYNE ROCKET.....*	23-11	99	2	3-21,22,	147	2.0	13,950	3.66	511	11	89	-439	-.05	-22	-30
07-01-62 010252803 010854932 5-71				23	19		14,500	3.72	540						
1446715 HUFFMAN TANGER TRADITION.....*	35-05	21	3	4-33,35,	42	1.7	12,810	3.68	472	20	66	-831	+.03	-26	-43
07-07-63 1305443 3827778 5-71				65,72	17		14,092	3.65	515						
1446716 HUFFMAN PRIDE TRADITION.....*		1	24	1-35	24	1.8	12,921	3.54	458	4	26	-200	-.01	-8	-12
07-30-63 1305443 3665092 1-71					48		13,672	3.61	493						
1446727 PABST IDEAL WAYNE-TWIN.....*		1	20	1-35	20	1.8	12,664	3.69	467	5	25	-146	+.02	-3	-6
09-03-63 1406548 4869841 5-71					8		13,190	3.63	479						
1446733 PABST ADMIRATION ROMADOR.....*		4	22	1-41	28	1.8	14,199	3.83	544	30	29	-286	+.03	-6	-12
08-21-63 1358647 4230310 5-71					14		15,332	3.75	575						
1446742 SUPREME REFLECTION MINTER.....	34-01	105	2	4-31,32,	138	1.7	12,835	3.86	496	22	88	-1,217	+.25	-12	-42
05-08-62 010264804 011176184 5-71				34,54	16		14,246	3.59	512						
1446791 EARLEOALE SKYLARK MONA.....*		4	3	1-91	10	2.0	16,588	3.38	561	0	34	+488	-.05	+11	+22
04-11-63 1239242 4074985 5-71					21		15,269	3.48	531						
1446802 O-C-S OAIRY LOTTIE 8 8.....*		2	9	1-51	11	1.6	15,026	3.65	549	0	23	+51	+.02	+5	+5
03-13-63 1122127 4697328 5-71					17		14,901	3.56	530						
1446821 MINN OELL JOSIE DESIGN.....		3	20	1-41	28	2.4	13,501	3.74	505	19	33	+66	+.01	+4	+5
04-23-62 1298378 3796868 5-71					18		13,230	3.72	492						
1446822 ELHOME IMPERIAL SPARTAN.....	21-10	41	1	2-13,21	44	2.0	15,134	3.53	534	9	74	+218	-.06	0	+6
05-13-63 1239886 3623456 5-71					21		14,937	3.60	537						
1446825 COFFEYOALE GOVERNOR VEEMAN....		1	16	1-34	16	1.7	16,112	3.63	585	0	23	+369	+.01	+15	+22
03-08-63 1234023 3798212 1-71					4		14,561	3.58	521						
1446827 PENNY BENEFACTOR JAMES.....*		2	10	1-42	13	1.7	15,981	3.44	549	46	26	+72	-.08	-9	-6
03-11-63 1199324 3662981 5-71					14		15,893	3.76	597						
1446842 LEADER PIETERTJE.....*		1	11	1-41	11	2.3	12,215	3.49	426	**	23	-490	+.03	-13	-24
03-12-63 1277213 4634801 5-71					20		14,375	3.37	485						
1446865 CACHE-LA POUDRE MAYERS WALTER.*		3	5	1-84	10	1.6	18,699	3.41	637	14	26	+468	-.01	+15	+25
08-05-63 1293580 5272971 5-71					15		17,258	3.41	588						
1446900 RENNIE CONSTANT.....*		1	15	1-34	15	2.0	12,130	3.60	437	7	24	-243	+.06	-1	-7
04-27-63 1369009 4495577 5-71					15		13,062	3.37	440						
1446929 CORDES ACRES IVANHOE PRINCE...		1	33	1-41	33	1.6	11,857	3.65	433	24	25	-435	+.01	-15	-24
07-13-62 1287090 4133232 5-71					8		13,555	3.64	494						
1446935 BUTTERCUP GLAMOUR KING.....		2	8	1-35	11	1.3	11,604	4.31	500	0	23	-273	+.04	-4	-10
05-14-63 1381405 4059743 5-71					13		12,672	4.13	523						
1446954 PALM SKY PABST CHIEFTAIN.....*		1	22	1-34	22	1.9	12,859	3.56	458	11	25	-314	-.02	-14	-20
12-07-61 1253032 4029713 5-71					8		14,129	3.66	517						
1446957 MER-E-MAR PANSTAR JULIUS.....*		3	10	1-35	14	1.9	15,083	3.43	517	14	27	-220	-.07	-18	-21
06-01-63 1345021 4260565 1-71					12		16,118	3.70	597						

REGISTRATION NUMBER NAME OF BULL	STUO CODE	NUMBER OF HEROS	EFF OAU /HO	STATES NO- WITH MOST OAUS	... OAUGHTERS ANO HEROMATES ... OAUS HM/OAU	REC/OAU HEROMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREOICTEO OIFFERENCES MILK	%	FAT	$$
1446959 HARMONY CREST AOMIRAL RINGMAN.*		5	7	2-23,51	20	2.0	13,209	3.71	490	5	41	-437	+.06	-8	-18
05-05-63 1237057 4245161 5-71					57		14,314	3.58	512						
1446961 QS IOEAL AAGGIE.....		2	9	2-51,52	11	1.2	12,126	3.53	428	22	21	-45	.00	-2	-3
04-28-63 1291028 3920895 5-71					14		12,166	3.59	437						
1446965 WAL-ANN ROYAL PONTIAC OUKE....*		2	11	1-35	13	1.3	11,989	3.43	411	55	22	-771	.00	-28	-43
03-06-63 1397752 5253996 1-71					10		15,617	3.50	546						
1446966 WALETZKOS SIGNET GINGER.....		1	20	1-41	20	1.7	13,871	4.08	566	0	24	-43	+.08	+10	+7
04-10-63 1258673 5248168 1-71					21		14,068	3.75	528						
1446968 BEASLEYS OUNN SKYLINER.....		2	17	1-63	26	1.5	13,187	3.40	448	18	31	-204	-.02	-10	-14
08-25-63 1244845 5280891 5-71					23		13,839	3.49	483						
1446982 LOCUST GLEN SIR OELLA O.....*		4	7	1-52	21	1.3	13,894	3.80	528	45	38	-656	+.10	-10	-25
08-23-63 1151349 3623134 5-71					20		15,829	3.56	563						
1446986 LIL-CHAR GOLOEN PICA BERNIE...*		1	28	1-32	28	1.9	15,258	3.91	596	8	26	-16	.00	0	0
02-23-63 1121706 4592176 5-71					11		15,476	3.91	605						
1447001 CIRCLE 8AR STAEHLI KEYSTONE...		2	12	2-35,47	14	1.8	13,103	3.75	492	21	25	-108	-.02	-7	-9
03-27-63 1291028 4195661 5-71					11		13,502	3.90	526						
1447007 VIGO CRISSCROSS LEAOER.....		3	9	1-42	12	2.1	13,621	3.85	525	0	27	-151	+.07	+4	-1
01-05-63 1378594 5012757 5-71					11		14,210	3.61	513						
1447027 WILLRUTH ROYAL MONOGRAM.....*		1	11	1-23	11	2.6	13,171	4.11	541	0	23	-141	+.04	0	-4
12-29-61 1378721 4718679 5-71					10		13,763	4.00	551						
1447029 MODEL JOE ELMOKA OF A 8.....*		1	10	1-35	10	2.5	12,346	3.90	481	0	23	-215	+.06	0	-6
03-08-63 1106334 4684084 5-71					51		13,206	3.63	480						
1447031 FRAN-MAR-RAY OESIGN.....*		4	3	1-21	10	2.1	13,802	3.68	508	11	33	-192	+.04	-2	-7
06-12-62 1298378 3220790 5-71					14		14,432	3.60	520						
1447034 COLONY VALE CYVALE SIR JEWEL..*	91-13	127	3	7-82,87,	267	1.6	13,699	3.51	481	20	92	-1,480	-.07	-62	-90
03-31-55 1326993 010900757 5-71				91,92,93	22		15,458	3.59	555						
1447044 KANAWAKA HILLTOP LUCKY VAN....*		8	3	3-43,48,	12	1.8	16,772	3.42	574	0	37	+1,058	-.03	+33	+55
03-21-63 1410117 4997212 5-71				73	15		13,918	3.47	483						
1447059 MILLERS ROYAL PONTIAC LEADER..*		7	2	2-33,35	10	2.1	14,630	3.47	508	11	36	+311	-.03	+7	+14
03-27-63 1397752 4784543 5-71					185		13,749	3.53	486						
1447090 8URKGOV DON ORMS8Y.....*		6	3	1-21	10	2.1	14,796	3.37	498	0	33	+64	-.06	-6	-3
11-20-62 1038509 3551893 5-71					59		14,672	3.56	522						
1447125 PENCOR G IVANHOE PABST.....*	23-13	36	2	1-23	54	1.8	15,224	3.57	544	15	74	+294	-.04	+5	+12
08-28-63 975138 4907804 5-71					20		14,923	3.63	541						
1447131 SUNDBAKKEN OIGNITY DWIGHT.....*		2	10	1-35	12	2.2	14,006	3.66	513	8	25	-103	-.02	-7	-8
03-15-63 1257762 5123271 5-71					19		14,468	3.79	548						
1447141 KINGSTEAO IVANHOE.....*	23-13	30	8	7-21,34,	70	1.6	17,928	3.75	672	11	66	+1,352	+.05	+57	+82
12-13-62 1189870 386474. 5-71				35,51,52	27		16,109	3.69	595						
1447153 RIAOA HI LITE.....*		2	13	1-42	23	1.9	13,035	3.81	497	9	35	-116	+.02	-2	-5
07-01-63 1250992 4856325 5-71					13		13,308	3.81	507						
1447170 SCOTSMAN ORMSBY POSCH.....*		4	11	2-45,46	29	1.9	14,500	3.76	545	4	41	+310	+.01	+12	+18
09-08-62 1353728 4911184 5-71					25		13,728	3.77	517						
1447246 JUNELL COMET IVANHOE CHARLIE..*	35-05	6	20	1-23	29	2.1	16,615	3.98	662	4	33	+389	+.10	+29	+34
08-12-62 1189870 4654324 5-71					8		15,619	3.73	583						
1447262 PENMAR IVANHOE PIETY CHAMPION.*		2	22	1-23	24	1.9	17,007	3.90	664	13	27	+259	-.02	+7	+13
05-17-62 1189870 3645479 1-71					18		16,266	4.01	652						
1447271 COTTEROALE PONTIAC SUPREME....*		14	2	3-16,21,	19	2.0	13,109	3.49	457	0	53	-636	-.04	-28	-40
08-21-63 1397752 4529746 5-71				52	22		14,356	3.57	512						
1447278 OAYLANO ORMSBY BRACELET DESIGN*		3	18	1-87	22	2.3	13,236	3.56	471	5	30	-192	+.01	-5	-9
02-11-63 1406571 4827999 5-71					27		13,878	3.52	488						
1447283 REYNOLANO HIGH MEAOOW PRINCE..	21-10	46	1	3-13,14,	47	2.0	14,663	3.62	531	10	75	-295	+.03	-6	-13
03-14-63 1239886 4034865 5-71				21	26		15,181	3.58	544						
1447295 ORUSHLANO BURKE OEAN.....		1	11	1-21	11	2.6	15,560	3.66	570	0	24	+301	+.04	+17	+22
04-01-63 1065220 4484699 5-71					7		14,357	3.47	498						
1447296 OU PAGE RIVER MASTER QUALITY..*		3	7	2-33,35	12	1.3	12,632	3.69	466	20	26	-316	+.02	-8	-15
11-07-62 1190632 4285926 5-71					19		13,855	3.62	502						
1447298 MCOONOGH STAR REPEATER.....*		1	11	1-51	11	1.6	14,690	3.91	574	9	21	+1	+.04	+6	+5
09-17-63 1285450 4297778 5-71					80		14,769	3.74	552						
1447308 CANYAN VIEW SKOKIE WALKER TOM.		2	30	1-87	32	2.1	14,598	3.27	478	3	28	-34	-.05	-8	-8
05-06-63 1199324 4851047 5-71					27		14,806	3.44	509						
1447309 OI88LE CRESCENT CRUSAOER LAO..*		7	5	4-41,42,	19	2.1	15,860	3.75	594	11	44	+454	-.02	+14	+23
07-26-62 1014925 3977407 5-71				45,46	16		14,921	3.81	569						
1447319 LUNO OALE ORMSBY REWARD-TWIN..		2	13	1-41	22	2.0	12,944	3.56	461	21	33	-243	-.01	-10	-15
12-19-62 1214027 4576869 1-71					5		13,666	3.62	495						
1447343 BAR-LEE AOMIRAL SYMBOL.....*		2	10	1-73	19	2.0	14,683	3.43	504	13	33	+389	-.04	+8	+17
03-29-63 1237057 4392161 5-71					16		13,458	3.55	478						
1447395 ASHAWAUG AOMIRAL OF HILLSIOE..*	33-03	54	3	19-15,21,	72	1.2	15,103	3.67	554	13	75	-14	.00	0	0
08-03-63 1237057 4656253 5-71				23,33,35	21		15,254	3.68	561						
1447409 KIRTLANO OESIGN LEAOER.....*		1	15	1-31	15	2.3	13,246	3.88	514	0	25	0	+.03	+4	+3
10-03-62 1336324 4545636 5-71					12		13,173	3.77	496						
1447414 WESTSIOE A 8 SEAMAN.....	35-75	20	1	7-34,35,	25	2.1	18,882	3.54	669	0	61	+1,906	-.04	+62	+101
06-06-63 1085978 4315315 5-71				55,91,93	71		15,947	3.60	574						
1447427 FLYNN FIELO ROYAL 8UGLE.....*		8	9	2-35,47	20	2.2	14,804	3.64	539	11	38	+159	-.03	+2	+6
10-31-62 1365058 5278716 5-71					35		14,430	3.73	538						
1447437 FARMSTEAO MARS CONSTELLATION..*		2	13	1-34	16	1.1	13,277	3.65	485	11	24	-132	+.01	-3	-6
09-08-63 1367170 3144734 9-70					15		13,828	3.62	501						
1447445 HOPE ORIVE NABOTH TOGUS.....		1	19	1-35	19	2.2	15,682	3.40	533	5	26	-43	+.01	0	-1
08-21-63 1181029 5098905 5-71					8		16,067	3.35	539						
1447460 KOLS-KNOLL WORTHY MAN.....*		1	11	1-21	11	1.8	16,611	3.64	605	0	22	+264	+.02	+12	+17
08-10-63 1402619 5341616 9-70					32		15,549	3.56	553						
1447461 ROBURKE CARNATION MAOCAP.....*		2	9	1-41	11	2.6	16,458	3.34	550	18	26	+42	-.03	-2	-1
12-16-62 1261140 4979855 5-71					24		16,558	3.44	570						
1447485 ACKERMAN VELMA INKA WIS.....		2	15	2-43,48	17	1.7	13,146	3.86	507	33	25	-550	+.08	-9	-22
04-24-63 1144239 4026029 5-71					23		15,516	3.56	553						

REGISTRATION NUMBER NAME DF BULL	STUD CODE	NUMBER DF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK MILK	% %	FAT FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1447502 VERADELDA OSBORNDALE HDE.....*		4	13	1-35	20	2.1	15,076	3.86	582	5	32	-39	-.01	-3	-4
10-24-62 1189870 5369865 5-71					12		15,341	3.94	604						
1447504 VERADELDA INKA DELL.....*		4	3	3-35,43,	10	1.9	13,240	3.33	441	13	33	-279	-.06	-18	-22
08-29-63 1298430 5381006 5-71				74	9		14,112	3.54	499						
1447527 CRESTDELL IVANHDE PRINCE.....		2	22	2-23,52	24	1.5	14,345	4.13	592	5	25	-318	+.10	+2	-7
08-26-63 1189870 4334429 5-71					19		15,803	3.75	592						
1447531 OSCAR PINNACLE TRIUNE-TWIN....		1	21	1-31	21	1.8	16,130	3.34	538	12	25	+126	-.07	-6	-2
05-29-63 1297169 4883401 5-71					14		15,814	3.61	571						
1447554 SUNNYDALE GALLANT HI-HDPE.....*		3	11	1-31	15	1.9	15,898	3.66	582	23	27	-213	-.02	-10	-14
09-29-62 1393066 5235333 5-71					18		16,999	3.74	636						
1447586 MAVIEW SPRING AQUA FERN PILOT.*		1	15	1-23	15	2.3	14,800	3.71	549	0	25	+176	-.01	+5	+9
07-17-63 1303347 4397636 5-71					29		14,108	3.77	532						
1447622 WIL-RU VICTDRY.....*		2	24	2-31,34	26	2.2	13,284	3.67	488	22	28	-162	-.02	-9	-12
11-06-62 1397752 4935048 5-71					15		13,855	3.79	525						
1447626 HOWCDW ARISTOCRAT GENERAL.....*		4	5	2-13,21	13	1.2	14,847	3.75	557	17	30	+61	+.03	+7	+7
04-10-63 1258673 4301339 5-71					26		14,725	3.66	539						
1447665 ROCK RIVER AMITY.....		1	23	1-35	23	1.6	13,727	3.71	509	16	24	-54	-.01	-3	-4
07-24-63 1397752 5287918 5-71					18		13,956	3.78	527						
1447666 SKYWAY COMBINE JEWEL.....	91-11	67	3	5-35,41,	121	1.7	12,893	3.68	474	23	85	-843	+.06	-23	-41
04-12-63 1368263 3941987 5-71				42,73,74	13		13,881	3.62	502						
1447669 ASH GROVE IDEAL CAPITAINE K-G.*		2	9	1-46	12	2.3	13,104	4.17	547	0	27	-459	+.05	-10	-20
04-14-63 1395845 5293143 5-71					9		14,876	4.01	596						
1447688 GREENWODD PONTIAC MASTER.....*		1	12	1-46	12	2.6	13,733	3.39	466	0	24	+67	-.02	0	+2
07-27-61 010260599 011429838 5-71					9		13,402	3.48	466						
1447691 ROCKCREST RAG APPLE GOVERNDR..*		5	4	2-42,54	10	1.3	13,755	3.61	497	33	28	-8	-.01	-2	-2
07-16-63 010260599 4189304 1-71					18		13,770	3.70	510						
1447694 FDXLEASE HERDDOT.....		1	18	1-54	18	1.9	14,332	3.79	543	24	25	-75	+.01	-1	-3
06-17-63 1250992 3620691 5-71					39		14,720	3.78	557						
1447703 B-JED FORBES SKYDEAN.....		3	9	1-48	15	1.2	12,909	3.69	476	10	27	-168	+.01	-5	-9
02-04-62 1244845 4933766 5-71					16		13,490	3.68	497						
1447728 SEILING SHAMRDCK.....*		4	5	2-31,56	13	2.0	14,127	3.33	470	0	34	-217	-.13	-26	-27
10-13-61 010252803 011251295 5-71					22		14,858	3.73	554						
1447750 WALHOWDON PRESIDENT VERNON....*	23-13	70	6	7-12,13,	162	1.4	16,683	3.69	615	8	84	+805	-.02	+26	+42
04-05-63 1071565 4767484 5-71				21,22,23	23		15,921	3.72	593						
1447751 WALHOWDON CARL DIVIDEND.....*		5	7	1-13	17	2.0	16,155	3.67	593	0	37	+309	-.04	+5	+12
04-11-63 1356720 4378642 5-71					25		15,474	3.81	589						
1447772 WEB-HAVEN RAG APPLE WALKER....*		2	12	1-35	14	2.2	13,890	3.80	528	14	26	+34	+.01	+2	+3
09-01-63 1386406 4242991 5-71					13		13,739	3.79	521						
1447805 JASONS CLYDE KATHELEEN LAO....*		2	11	1-48	14	1.8	13,198	3.24	427	0	27	-66	-.04	-8	-8
11-19-61 1184365 3821600 5-71					16		13,396	3.40	456						
1447853 USP CARNATION MAGIC TIP-TOP...		3	12	1-87	17	1.6	15,911	3.31	527	20	28	-198	-.04	-13	-16
08-31-63 1223970 4982920 5-71					35		16,918	3.45	584						
1447861 ROCKYSLOPE MARK.....*		1	11	1-23	11	2.2	14,418	3.43	494	11	23	-181	-.04	-12	-15
04-04-63 1271019 5336374 1-71					22		15,360	3.63	558						
1447885 S & S ZELDENRUST PRIDE PONTICA*		6	34	2-32,33	43	2.8	13,336	3.48	464	3	35	-380	.00	-14	-21
10-07-61 1339425 4710204 5-71					33		14,497	3.51	509						
1447895 RETLAW IDEAL NIFTY.....*		8	17	2-41,42	31	1.9	13,758	3.53	486	7	36	+232	-.04	+2	+8
11-02-62 1342677 4159735 5-71					19		13,024	3.68	479						
1447911 WIS MAGIC BUTTER BOY.....*		13	9	4-35,41,	29	1.9	15,430	3.58	553	4	45	+280	-.04	+5	+11
07-14-63 1368257 4755129 5-71				45,46	26		14,903	3.66	546						
1447915 WIS ADVENTURER.....*		3	10	1-43	14	1.9	10,694	3.70	396	8	27	-13	.00	-1	-1
08-23-63 1409475 4185273 5-71					45		10,389	3.77	392						
1447918 FARMCREST KT ADMIRAL STAR.....*		4	5	1-93	15	1.6	17,719	3.50	621	0	36	+549	-.03	+16	+28
07-07-63 1381711 4498565 5-71					30		16,431	3.55	583						
1447924 BAIRDLEA CHAMBRIC LOU.....*		4	13	1-21	20	1.6	15,395	3.66	563	6	30	+115	-.03	0	+3
05-09-63 1276654 4613430 5-71					30		15,124	3.78	572						
1447925 BAIROLEA FONO HOPE PAUL.....*		6	7	1-21	20	1.9	13,860	3.72	516	5	40	-490	+.06	-10	-21
06-04-63 1243697 4042470 5-71					38		15,201	3.60	547						
1447935 RIVER ROAD DIRECT ORMSBY.....*		2	22	1-23	24	1.8	14,447	3.70	534	8	27	+208	.00	+8	+12
05-27-63 1271019 4526686 5-71					35		13,630	3.69	503						
1447939 TOWNSHENO IVANHOE RAHSTA.....*		2	14	1-14	16	1.9	13,066	3.98	520	27	26	-621	+.05	-16	-29
03-27-63 1189870 3813639 5-71					10		15,677	3.79	594						
1447946 DEE ANN LUCKY Q ECHO.....*		1	19	1-86	19	1.5	14,180	3.53	500	6	23	-319	+.03	-8	-15
03-27-63 1230610 4679660 1-71					60		15,727	3.45	542						
1447958 JAN-AR PERSEUS ADMIRATION.....*		2	12	1-31	18	1.7	14,427	3.41	492	20	30	+79	-.08	-9	-5
02-18-63 010260599 3085897 5-71					8		14,185	3.72	527						
1447961 ADOHR MAJOR BUTANE.....		3	10	1-93	25	1.3	16,997	3.67	624	14	37	+269	+.03	+14	+19
04-18-63 1386279 5256258 5-71					64		16,525	3.60	595						
1447983 TIDY BURKE MIZZOU.....*		4	13	1-43	18	1.5	15,339	3.29	505	**	28	+181	-.09	-6	0
05-14-63 1419755 5526739 5-71					18		14,769	3.62	534						
1448011 QUARRYLAND MISTYVALE PRINCE...*		10	1	4-23,51,	11	1.9	13,751	3.87	532	0	40	-364	+.10	0	-9
03-20-63 1316590 4447543 5-71				52,55	19		14,752	3.65	538						
1448037 LIME HOLLOW FONO GOVERNOR.....*		5	7	2-21,86	18	2.1	14,470	3.84	555	7	39	-321	+.11	+4	-5
01-28-63 1243697 4856736 5-71					34		15,447	3.56	550						
1448047 LOOESTAR PRIDE BONANZA.....*		1	13	1-22	13	1.6	15,666	3.69	578	17	22	+270	-.02	+7	+13
02-13-63 1404266 4715514 5-71					25		14,479	3.79	549						
1448050 STINSON FARMS PET NUDINE.....*		2	13	1-11	15	1.3	11,045	3.88	428	**	23	-274	+.03	-6	-12
04-06-63 1244185 4610287 5-71					12		12,064	3.78	456						
1448051 BER-CRE-FARM ADMIRAL PRIDE....*		13	1	4-21,22,	16	1.6	16,670	3.55	592	7	47	+967	-.07	+24	+45
07-03-63 1237057 5033370 5-71				23,31	21		14,691	3.71	545						
1448053 MAVIEW VENUS MARK.....*		7	2	3-21,22,	10	1.1	15,891	3.75	596	10	32	+380	+.04	+20	+26
09-12-63 1399628 5272111 9-70				23	47		14,771	3.64	537						
1448066 UNH LEADER KNIGHT.....*		6	12	3-12,14,	21	1.8	15,473	3.84	594	11	32	+110	+.03	+8	+9
06-07-63 1188528 4196202 5-71				42	17		15,266	3.79	578						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/OAU	REC/OAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1448077 JENNITON HI-DALE MASTERPIECE..		1	16	1-35	16	2.1	11,691	3.64	426	0	25		-421	-.02	-18	-26
08-10-63 1386842 4551117 5-71					4		13,325	3.77	503							
1448126 ROSNI LETITIA RAM8LER.....*	23-13	58	2	2-22,23	81	1.7	15,392	3.55	547	15	81		+461	-.09	+3	+14
07-18-63 975138 3926675 5-71					19		14,919	3.67	548							
1448132 ROLLING SPRING RAVEN POSCH....*		1	14	1-23	14	1.9	14,505	3.67	532	7	23		-273	+.01	-8	-14
08-06-63 1189470 4111076 5-71					23		15,869	3.64	577							
1448169 KEYSTONE VICE PRESIOENT.....*	61-02	118	2	12-31,32,	177	1.5	14,639	3.45	505	13	90		+133	-.13	-13	-7
04-22-63 1189870 3981777 5-71				33,57,61	21		14,552	3.59	523							
1448176 MAYERS OUKE EMPEROR.....*		6	37	2-33,35	46	2.0	14,639	3.73	546	7	32		+144	+.03	+9	+11
05-14-62 1293580 3638102 5-71					20		14,212	3.66	520							
1448184 TARA HILLS A 8 C REFLECTION...*		1	21	1-23	21	1.4	15,298	3.60	550	10	23		+41	-.03	-3	-1
06-07-63 010260599 5642525 5-71					121		15,247	3.76	573							
1448218 DIAMOND S SIR DELLA MAGNUS....*		2	9	1-93	11	2.9	14,439	3.60	520	0	27		-688	+.04	-19	-34
01-01-62 1327405 3756849 5-71					16		17,371	3.49	606							
1448241 LOS RO8LES TIDY JO PAT.....		1	18	1-93	18	1.0	15,358	3.48	534	0	20		-310	-.03	-15	-20
08-20-63 1302014 4540719 5-71					38		17,209	3.64	626							
1448243 REXNER PIOON CREATOR OUKE.....		1	28	1-42	28	1.1	9,607	3.64	350	0	23		-407	+.05	-8	-17
04-14-63 1198696 5309040 5-71					6		11,122	3.38	376							
1448244 EFFIE DICK-MAR PENSTATE PERCY.		1	16	1-23	16	1.8	13,506	3.78	511	23	23		-295	+.02	-8	-14
11-06-61 1232220 3294659 5-71					23		14,883	3.72	554							
1448275 WAGSON RAG APPLE MATAOOR.....*		1	10	1-23	10	1.6	12,691	3.80	482	0	20		-395	+.02	-12	-20
05-11-63 1250992 3187261 5-71					25		14,751	3.74	552							
1448282 ILLIVALE ROYAL 8OND.....*		2	67	2-21,92	69	1.3	15,206	3.64	554	5	26		+246	.00	+9	+14
07-22-63 1397752 5043802 5-71					84		14,289	3.65	522							
1448297 HAYSSEN RAG APPLE MAPLE.....*	35-21	117	2	7-16,23,	158	1.5	15,866	3.53	560	9	89		+952	-.10	+19	+40
09-14-63 010218036 4206013 5-71				32,34,35	19		14,897	3.65	543							
1448317 FANTASY RAG APPLE 8EST.....		1	38	1-93	38	1.4	13,371	3.67	491	**	25		+48	+.01	+3	+4
10-23-62 1311794 4381433 5-71					45		13,093	3.65	478							
1448341 CULVER LEADER LAO MASTER.....*		2	17	1-32	22	1.4	13,814	3.58	495	0	27		-237	-.03	-13	-17
06-10-63 1239480 3757131 5-71					5		14,784	3.73	551							
1448353 VISTA 8 F ECHO SKYWAY-TWIN....*		8	12	6-21,23,	31	2.0	13,415	3.74	502	14	43		-401	+.06	-6	-15
05-01-63 1404688 4279175 5-71				34,50,54	57		14,388	3.61	519							
1448358 LILAC HILL HI 8OY.....*		3	6	1-33	14	1.4	11,671	3.89	454	0	30		-144	+.04	0	-4
08-12-63 1250992 4354872 5-71					25		11,952	3.74	447							
1448363 ELMER 8ROOK FONO HOPE.....*		4	7	2-35,65	12	1.5	14,930	3.62	540	20	27		+238	-.03	+5	+10
05-04-63 1243697 4452563 5-71					14		14,062	3.73	525							
1448396 WILLOW ORAW PEANUT OIRECTOR...		1	23	1-48	23	1.5	14,600	3.80	555	4	24		+156	+.05	+13	+15
04-06-63 1271122 4103539 5-71					15		13,944	3.59	501							
1448437 THURSTONIA MISTER JESTER.....*		10	1	4-11,12,	11	1.4	14,704	3.69	542	0	37		+63	+.01	+4	+5
09-06-63 1412128 4207607 5-71				13,16	13		14,602	3.66	535							
1448451 WITH-ROW SUPREME PANSY.....*		9	1	1-32	10	1.8	12,828	3.73	479	22	38		-496	+.07	-8	-20
08-15-63 1394095 4052429 5-71					14		14,168	3.55	503							
1448456 EV ADMIRAL TOGUS.....*		1	10	1-13	10	2.2	14,121	3.69	521	20	22		-149	+.05	+1	-3
11-22-61 1181029 4428092 5-71					24		14,904	3.48	518							
1448475 MAYIOR ROYAL OESIGN.....*		1	25	1-42	25	1.9	16,827	3.56	599	4	26		+804	-.03	+25	+42
06-07-63 1305460 3545001 5-71					24		13,700	3.68	504							
1448478 ARTEVEL FO8ES SEGIS.....		3	28	1-93	38	1.6	14,981	3.87	580	44	31		-680	+.09	-12	-28
12-04-62 1221776 3366664 5-71					130		17,554	3.62	636							
1448497 MAC8RO 8URKGOV REGAL CURT.....*		1	17	1-23	17	2.0	16,488	3.46	570	6	24		+27	-.06	-8	-6
08-05-63 1415405 4204715 5-71					12		16,650	3.71	618							
1448503 8UTTONOALE CHEMCO JASON.....*	21-10	42	1	2-13,21	43	2.0	14,228	3.70	526	20	73		-735	+.09	-14	-31
05-07-63 1215995 4341563 5-71					22		15,375	3.58	551							
1448505 MONTOSO SKOKIE RUTHIE.....	35-75	31	1	8-21,32,	35	1.9	15,096	3.74	564	10	68		-114	+.08	+7	+3
09-16-63 1282185 5009119 5-71				35,41,93	64		15,411	3.63	559							
1448519 WALNUT PEAK P A OUFFY.....*		2	20	2-23,32	22	1.7	15,053	3.71	558	0	26		+41	-.02	-1	0
07-01-63 1237057 4893570 5-71					5		15,003	3.81	571							
1448553 CHAM8RIC VICEROY-TWIN.....*	61-02	52	3	4-31,32,	73	1.4	14,799	3.62	536	12	76		+470	-.01	+15	+25
06-28-63 1215995 5458808 5-71				33,74	26		14,211	3.65	518							
1448554 CHAM8RIC CALYPSO.....*		10	4	4-35,41,	19	2.0	12,849	3.69	474	6	46		-685	-.02	-27	-40
07-11-63 1080108 4865037 5-71				51,63	26		14,398	3.74	539							
1448580 WATKINSBROS LUNA ATHLONE PRIOE		2	15	1-52	17	1.4	14,706	3.73	548	25	24		-262	+.04	-4	-10
08-01-63 1210078 4262376 5-71					21		16,033	3.59	575							
1448610 8-J IRVINGTON AOMIRAL ROYALTY.*		2	16	2-21,23	18	1.7	13,041	3.70	483	22	25		-461	+.03	-13	-23
07-08-63 1237057 4087876 5-71					21		14,960	3.61	540							
1448622 KAY-8EN MUSKETEER.....*		8	12	4-12,13,	26	1.9	15,162	3.73	566	17	39		+168	+.06	+14	+16
12-18-62 1254887 3638109 5-71				16,21	26		14,818	3.60	533							
1448624 MCE GLENAFTON ORMS8Y.....*		1	20	1-55	20	1.4	13,153	3.64	479	0	23		-145	-.01	-6	-9
02-26-63 1326835 3882737 5-71					26		13,776	3.69	509							
1448638 SEQUOIA DUSTY REFLECTION.....*		6	11	1-93	26	1.8	15,494	3.41	529	32	39		-283	-.09	-23	-26
04-19-63 1382958 3952257 5-71					37		16,469	3.64	600							
1448659 ELLENVALE G W CHAMPION.....		1	14	1-41	14	1.9	16,470	3.82	629	7	23		+87	-.01	+2	+4
08-28-63 1364914 4571993 5-71					10		16,337	3.87	633							
1448664 ELLENVALE GOLDEN MISTER.....	41-01	78	2	5-35,41,	99	1.5	15,255	3.57	544	9	84		+578	-.02	+18	+30
09-03-63 1199324 3243903 5-71				45,46,87	19		14,634	3.58	524							
1448670 8ROCK LOOGE TRUSTEE LEADSMAN..*		2	8	1-51	10	1.9	13,812	3.76	519	30	24		-555	-.01	-22	-33
06-14-63 1246308 4782753 5-71					35		16,428	3.84	631							
1448687 ELMTREE AOANTHA TIDY PONCHO...*		2	12	1-21	14	1.8	14,918	3.51	523	14	25		+103	-.03	0	+3
07-12-63 1283917 5332497 5-71					12		14,565	3.63	529							
1448707 ROMANOALE AFFINITY.....*		7	2	3-31,34,	12	1.4	12,878	3.57	460	22	37		-140	-.01	-7	-9
11-17-62 010257174 011377205 5-71				58	15		13,184	3.63	478							
1448712 KERRYDALE ARISTOCRAT PRINCE...*		2	7	1-21	13	2.5	14,760	3.93	580	0	32		-488	+.13	0	-13
09-02-62 1124780 3976951 5-71					37		16,542	3.55	588							
1448728 SWEN8ROOK MASTER ROYAL.....*		7	2	2-41,42	10	1.8	14,103	3.68	519	11	35		-143	+.05	+2	-2
10-18-62 1380945 5069094 5-71					8		14,582	3.53	515							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK MILK	% %	FAT FAT	% IST INC	% REPT %	PREOICTEO DIFFERENCES MILK	%	FAT	$$
1448733 DELI LAOOIE JESS.....*		4	7	2-33,43	15	1.5	12,080	3.55	429	18	33	-474	-.01	-18	-27
01-10-63 1290776 4769673 5-71					16		13,498	3.60	486						
1448775 HAYES HAVEN PERSEUS BLACK GOLD*		15	3	2-41,45	32	2.0	14,041	3.39	476	17	60	-234	-.14	-27	-28
01-07-63 010260599 010863896 5-71					12		14,489	3.62	525						
1448785 BROOKMONT PONTIAC QUIXOTE.....*		2	19	1-21	21	1.4	9,660	3.30	319	28	24	-640	-.03	-27	-39
04-30-63 1397752 3387953 5-71					17		12,154	3.51	426						
1448788 SMITHDALE IVANHOE CHET.....*		4	5	1-23	10	1.6	17,201	3.52	605	20	27	+194	-.08	-4	+2
10-15-63 1416417 5500771 5-71					26		16,756	3.81	639						
1448791 OTTO TONY EMBER OLIVE OF BCAS.*		1	10	1-14	10	1.8	13,889	4.02	559	20	21	-176	+.04	-1	-5
07-05-63 1204669 4585008 5-71					5		14,816	3.88	575						
1448844 FRENA IVAN SAM.....*		6	7	3-51,52,	17	1.8	15,912	3.43	546	13	37	+285	-.08	-1	+7
09-19-63 1189870 3520710 5-71				55	49		15,264	3.66	558						
1448847 PENNYWELL IVANHOE STAR.....		2	7	1-23	10	1.3	14,370	3.51	504	0	23	+196	-.05	0	+5
11-21-62 1189870 4772085 1-71					13		13,461	3.74	503						
1448850 SENATOR SAM LULLABY.....		2	8	1-55	10	1.2	15,395	3.59	552	0	21	+86	-.02	0	+2
05-08-63 1376402 4650266 5-71					21		15,088	3.73	563						
1448879 KNOB VIEW FOND ROYAL.....*		4	5	2-23,51	10	2.1	17,231	3.50	603	0	29	+469	-.08	+5	+16
04-28-63 1243697 3841386 1-71					20		15,773	3.78	596						
1448962 S C P BLENO GENTILE.....*		2	11	1-56	20	1.7	13,309	3.50	466	20	33	+129	-.01	+3	+6
08-25-63 1226862 5144959 5-71					88		12,806	3.52	451						
1448968 ECHO GLADE ADMIRAL PRIDE.....*		2	28	1-33	30	1.4	12,822	3.45	442	25	25	+46	-.02	-1	0
09-22-63 1237057 4038145 5-71					12		12,494	3.55	443						
1448976 PRIDE CENTURION CHARMER.....*		1	12	1-31	12	1.7	13,133	3.64	478	18	21	-347	-.02	-15	-21
10-22-63 1413165 4988348 5-71					5		14,852	3.74	556						
1448977 BUTTERFIELD ADMIRAL REMER.....*		7	10	1-55	27	1.5	13,786	3.38	466	0	40	-60	-.01	-4	-5
07-06-63 1237057 4273902 5-71					24		13,938	3.42	476						
1448993 RINCON MAGIC DANIEL.....*		1	10	1-93	10	1.5	19,254	3.42	658	10	20	-119	+.01	-3	-6
07-10-63 1297472 4757888 5-71					22		20,519	3.41	699						
1449007 CASS RIDGE ROCKET SUPREME.....*		10	1	5-14,21,	11	1.4	15,893	3.72	592	13	38	+695	+.01	+26	+40
07-07-63 010264804 5349411 5-71				22,23,31	18		14,061	3.73	524						
1449038 BRIGEEN MISTER ANN.....*		2	17	1-11	19	2.2	16,276	3.63	591	22	27	-76	+.02	0	-2
08-28-63 1397517 5148725 5-71					16		16,856	3.55	599						
1449040 LOCKWAY WAYNE IVANHOE.....*		5	9	1-23	23	1.9	14,795	3.89	575	14	40	-76	+.04	+3	+1
05-22-62 1189870 3376684 5-71					44		15,103	3.81	575						
1449051 UNH TY GOLDEN KEEPER.....*		4	28	2-12,13	35	1.7	14,130	3.74	528	9	30	+155	+.02	+9	+11
08-31-63 1349319 3227190 5-71					33		13,580	3.66	497						
1449090 NOBLE-VALE MADCAP RAG APPLE...*		9	3	1-13	18	1.9	13,308	3.46	461	20	46	-478	-.07	-26	-34
06-08-63 1389431 4313755 5-71					16		14,403	3.62	522						
1449097 FAWSKI TY VIC SHIEK.....	87-01	26	1	4-41,82,	28	1.8	14,682	3.55	521	4	63	+50	.00	+2	+3
11-30-62 1235822 4713271 5-71				87,92	20		14,676	3.54	520						
1449100 ROSE BROOK MONT SUPREME.....		1	13	1-34	13	1.6	12,500	3.58	447	33	22	-244	+.01	-8	-13
11-13-62 1320015 3172390 5-71					9		13,599	3.59	488						
1449133 CAPTAIN JOHN BURKE.....		1	17	1-57	17	1.8	14,500	3.19	462	6	24	+219	-.06	0	+6
07-19-63 1144239 4663557 5-71					23		13,526	3.39	459						
1449134 FAIRHOPE BENEFACTOR OLYMPIC...*		1	14	1-43	14	1.7	9,962	3.74	373	8	23	-198	-.01	-8	-12
05-27-63 1199324 4251098 5-71					12		10,494	3.82	401						
1449138 SISK REGAL CREAMELLE.....*		2	18	1-35	22	1.9	15,938	3.70	589	0	28	+353	-.01	+12	+19
09-18-63 1314767 3992323 5-71					10		14,759	3.72	549						
1449145 KNOLLSIDE CARNATION RULER.....*		1	13	1-61	13	1.7	13,944	3.39	473	11	22	-83	+.01	-2	-4
05-10-63 1308419 4762442 5-71					73		14,370	3.38	486						
1449148 WHEATMORE BENEFACTOR.....*		7	2	1-55	10	1.7	13,781	3.58	494	13	36	-16	.00	0	0
07-26-63 1199324 3211253 5-71					26		13,816	3.59	496						
1449151 SLEEPY HOLLOW ROYAL HONOR.....*	93-16	2	9	1-93	11	1.2	19,043	3.62	689	0	21	+306	-.03	+7	+14
07-21-63 1252231 4273224 5-71					99		17,993	3.74	673						
1449152 FRANGIN ACRES T LAZY BOY.....		1	13	1-48	13	1.5	12,163	3.77	458	**	21	-291	+.05	-4	-11
11-05-62 1345775 4303329 5-71					1		13,505	3.56	481						
1449170 FLAGGY MEADOW S K C NIG.....*		6	4	3-11,12,	13	1.5	13,473	3.47	468	33	35	-169	-.02	-9	-12
07-09-63 1280015 5100425 5-71				14	18		13,964	3.56	497						
1449182 ELMER AIRVUE RAG APPLE-TWIN...*		3	22	2-82,87	36	2.2	12,857	3.35	431	9	36	+13	-.02	-2	-1
01-15-62 010260599 010758681 5-71					21		12,696	3.40	432						
1449186 RIDGELY REMEMBRANCE.....*		1	10	1-14	10	1.1	13,265	3.57	473	33	18	-156	-.01	-7	-10
07-26-63 1253588 3330810 9-70					8		14,151	3.66	518						
1449193 H S F ADMIRAL PRIDE OUKE.....*		7	2	2-22,23	10	1.7	14,694	3.67	540	10	34	-161	-.02	-9	-12
10-30-63 1237057 4501535 9-70					13		15,301	3.76	575						
1449214 LECAL HEADMASTER HOMER.....		2	17	1-11	19	2.1	12,040	3.50	421	6	27	-271	+.02	-7	-13
05-17-63 1349029 4311441 5-71					14		12,953	3.44	446						
1449225 WINOY WILLOW ROXANNA TREASURE.*		4	8	2-22,23	16	1.2	12,401	3.80	471	20	29	-283	+.07	0	-7
09-14-63 1413713 4854879 5-71					16		13,315	3.55	473						
1449231 HORSE PEN HILL PRINCE.....*	21-10	40	1	3-13,21,	41	1.8	14,469	3.50	506	12	72	-549	-.05	-27	-37
05-01-63 1263152 3869354 5-71				23	24		15,382	3.58	550						
1449240 ST CROIXCO PRAIRIE JESS.....*		1	23	1-35	23	1.5	13,044	3.78	493	7	24	-189	+.01	-6	-10
02-25-62 1291499 3846348 1-71					14		13,833	3.78	523						
1449258 C-CREEK ORMSBY JERRY.....*		1	23	1-61	23	1.2	11,963	3.42	409	0	22	-102	-.05	-10	-11
09-09-63 1393308 5033777 9-70					12		12,256	3.68	451						
1449273 LANTERN LANE ROCKY.....	21-10	31	1	2-21,23	32	1.8	14,212	3.76	535	19	67	-465	+.12	0	-12
03-25-63 1239886 4628327 5-71					28		15,021	3.59	539						
1449306 LONGSWAMP KAYWAY.....*		3	12	1-32	29	1.7	15,640	3.50	548	8	41	+620	-.10	+8	+23
11-07-62 1389766 5113434 5-71					7		14,132	3.75	530						
1449310 SILVER SHADE TIDY M BENEFACTOR*		6	26	1-11	35	1.9	15,927	3.35	534	0	32	+132	-.08	-6	-2
09-18-63 1199324 5191366 5-71					37		15,688	3.59	563						
1449311 SILVER SHADE ROYAL SKY CHIEF.*		18	6	2-11,12	39	1.7	15,017	3.74	562	13	58	-89	+.02	0	-2
05-15-63 1244845 4124224 5-71					19		15,308	3.73	571						
1449357 ABELOALE GOLDEN ACE.....*		8	6	2-47,48	29	2.0	14,058	4.05	569	0	52	-78	+.19	+23	+17
06-04-63 1371268 3140008 5-71					15		14,241	3.69	526						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	%	FAT	% 1ST INC	% REPT	PREDICTED DIFFERENCES MILK	%	FAT	$$
1449380 ROSNI KORNOYKE PILOT.....		2	13	1-52	26	1.1	15,171	3.76	571	20	33	+24	-.01	0	+1
08-22-63 1287412 4435204 5-71					27		15,226	3.81	580						
1449383 BERGWAL SKOKIE ELLEN HECTOR...		1	19	1-41	19	2.0	16,237	3.91	635	6	25	+12	+.06	+9	+8
10-17-63 1263983 5151950 5-71					14		16,440	3.71	610						
1449393 HEILO TRADITION JERRY-TWIN....		3	8	1-87	20	2.0	15,628	3.42	535	18	39	+109	+.01	+5	+7
11-29-62 1355783 3598702 5-71					27		15,504	3.38	524						
1449411 TEXAL SUPREME ARTIST.....	34-01	77	3	4-32,33,	144	1.4	13,674	3.72	508	21	86	-611	+.09	-10	-24
02-01-63 010264804 011176183 5-71				34,61	20		14,432	3.62	523						
1449416 NEEOLES EYE REFLECTION CHAMP..		1	12	1-14	12	2.2	14,971	3.93	589	8	23	-106	-.01	-5	-7
05-03-63 1389431 4168432 5-71					10		15,595	4.02	627						
1449433 FANCY SKOKIE OUKE.....		2	13	1-35	16	1.9	14,537	3.60	523	21	27	+35	-.01	0	+1
09-29-63 1288610 4423987 5-71					5		14,458	3.67	531						
1449451 CHAMBRIC ADMIRAL MARTY.....*		6	35	4-32,35,	49	1.7	15,055	3.70	557	19	33	-100	-.02	-6	-8
10-18-63 1080108 3999526 5-71				42,73	19		15,518	3.78	587						
1449459 HOMESTEAD FARM REFLECTION TIDE*		4	16	2-11,13	21	1.9	15,744	3.46	544	5	30	+198	-.03	+3	+8
09-05-63 1397466 5013449 5-71					28		15,207	3.54	539						
1449465 PAUL-LYN BINGO GARR.....		3	18	1-48	37	1.7	14,924	3.29	491	16	40	+142	-.03	+1	+5
09-12-63 1282720 3628911 5-71					20		14,634	3.33	488						
1449497 NORWAY MAPLE IVANHOE GENERAL..*		5	2	1-51	10	1.5	13,532	4.10	555	0	33	-76	+.12	+14	+10
09-18-63 1215402 4993935 5-71					32		13,748	3.72	512						
1449500 SEQUOIA STAR SUPREME.....	31-02	35	2	6-31,43,	56	2.0	13,818	3.65	505	13	75	-18	+.03	+3	+2
05-10-63 1274923 4243324 5-71				55,56,71	19		13,832	3.62	501						
1449517 PREMIUM ROYAL CORNERSTONE.....*		2	14	1-32	16	1.9	11,703	3.66	428	15	25	-140	+.01	-4	-7
10-23-63 1305460 4447465 5-71					5		12,070	3.66	442						
1449518 PERCY HIGH POINT ACHILLES.....*		2	16	1-23	18	1.8	13,599	3.75	510	25	25	-663	+.03	-20	-34
10-15-62 010260599 011390875 5-71					19		16,490	3.67	605						
1449520 MILO ADVANCE RAMBLER.....	35-75	35	1	13-21,32,	43	2.0	15,883	3.61	573	9	72	+655	-.02	+20	+34
09-25-63 975138 5080889 5-71				35,55,93	43		15,089	3.65	550						
1449532 HOMERVILLE FONO SATELLITE.....		1	20	1-31	20	1.5	14,272	4.04	576	0	23	+10	+.09	+13	+11
04-10-63 1243697 4557004 5-71					2		14,260	3.67	523						
1449534 WINTERTHUR IVANHOE KNIGHT SAUL*		1	22	1-34	22	1.4	16,013	3.66	586	28	23	-143	+.01	-4	-7
05-30-63 1189870 4939403 5-71					14		16,938	3.65	619						
1449537 GRAY VIEW SHADE MT CRISS.....*		1	13	1-23	13	1.5	14,213	3.55	505	9	21	+10	+.01	+2	+2
08-09-63 1378594 5342922 5-71					19		14,191	3.48	494						
1449547 SINKING-SPRINGS IVAN RAMON....*		3	7	1-23	16	1.4	18,612	3.78	703	14	33	+140	+.02	+8	+10
02-09-63 1189870 4311480 5-71					17		18,651	3.75	699						
1449562 N P ENSIGN PRINCE.....		3	13	1-47	28	1.7	13,372	3.76	503	12	38	-120	+.02	-1	-4
11-06-62 1200082 4938823 5-71					40		13,661	3.73	509						
1449568 BIG ROCK MASTER CHAMP.....*		5	29	1-21	38	1.5	14,053	3.40	478	14	30	-589	+.02	-19	-31
05-24-63 1305460 3250348 5-71					20		16,242	3.37	548						
1449583 JON-DE KING X.....*		7	8	1-35	24	2.1	15,427	3.84	593	5	44	-35	+.09	+11	+8
10-30-62 1378594 3868173 5-71					21		15,683	3.67	576						
1449587 KRULL CRISSCROSS CREATOR.....*		4	15	1-35	29	1.8	15,876	3.75	596	0	37	+326	.00	+12	+18
09-10-62 1378594 3965887 5-71					12		15,121	3.78	572						
1449616 RICHMAN ROYAL CHARMER.....		6	18	3-31,61,	28	1.4	12,879	3.56	459	23	32	-344	+.03	-9	-16
02-26-63 010260599 5199477 5-71				63	28		13,979	3.49	488						
1449653 EATON HALL TEXAL SUPREME.....*		2	18	1-43	34	2.0	11,850	4.21	499	6	38	-303	+.09	+2	-6
02-27-62 010264804 010731869 5-71					26		12,514	3.95	494						
1449654 CITATION REFLECTION VANGUARD..*		4	18	1-43	39	2.0	12,929	3.81	492	3	42	-55	-.04	-7	-7
02-26-63 1492073 011143707 1-71					24		12,966	3.94	511						
1449678 TYLER FARMS GLAMOUR JACK.....*		4	13	1-12	18	1.9	19,139	3.68	704	25	30	+592	+.03	+25	+36
08-30-63 1282185 4214632 5-71					24		17,495	3.62	634						
1449684 MATADOR COCKY SKYLINER.....		1	17	1-23	17	2.2	12,867	3.51	452	6	25	+117	-.02	+2	+5
09-25-63 1244845 4580941 5-71					20		12,232	3.56	436						
1449686 HARVUE TRANSMITTER ANTHONY....*		1	17	1-52	17	2.1	15,452	3.48	538	0	25	+126	-.03	0	+3
09-09-63 1383759 5090744 5-71					47		15,063	3.61	544						
1449728 WYLAMYNA PONTIAC ROYAL.....*		2	12	1-42	14	2.1	12,734	3.60	459	25	25	+115	.00	+4	+6
03-27-63 1397752 4607425 5-71					6		12,098	3.60	436						
1449742 LILRUE HARDY FARMS HOPE.....*		5	13	1-87	30	1.8	14,504	3.49	506	8	41	+124	+.01	+6	+8
06-10-63 1250992 4114301 5-71					18		14,226	3.45	491						
1449746 POMPEY HOLLOW CHIEF GERONIMO..		1	17	1-16	17	1.9	12,050	3.56	429	0	24	+26	.00	+1	+2
06-06-63 1390735 5180193 5-71					7		11,719	3.56	417						
1449753 KIDD FARMS LEADER NEPTUNE.....*		1	13	1-93	13	1.8	12,749	3.42	436	0	23	-391	.00	-14	-22
07-03-63 1326187 4985345 5-71					78		14,551	3.44	501						
1449776 GLEN BURN CHARIOTEER REX.....*		2	20	1-12	24	1.5	15,114	3.62	547	5	26	+186	.00	+7	+11
10-21-63 1254887 4583421 5-71					33		14,459	3.62	523						
1449791 FARMSTEAD MARS BIG BOY.....		1	12	1-34	12	1.2	11,194	3.74	419	40	19	-436	+.01	-15	-24
09-10-63 1367170 5340996 5-71					6		13,392	3.73	499						
1449797 HAMPSTEAD ECHO ROBURKE LARRY..*		6	14	3-52,54,	23	1.2	15,789	3.97	627	11	29	+21	+.09	+13	+11
12-09-62 1184848 3912295 5-71				55	39		15,913	3.72	592						
1449834 PALO DURO SOVEREIGN EMPEROR...		1	16	1-74	16	1.6	13,172	3.49	460	33	23	-138	.00	-5	-8
06-06-63 1298831 4087080 5-71					41		13,763	3.52	485						
1449840 ROCK HOME DISTINCTION.....*		5	5	1-48	12	1.4	13,678	3.55	486	11	31	-239	.00	-8	-13
08-06-63 1324328 4995231 5-71					16		14,515	3.57	518						
1449841 SANOY HIGHCROFT TEXAL-TWIN....*	91-11	9	6	1-41	22	1.5	15,306	3.35	512	19	42	+218	-.08	-4	+2
10-01-63 1313355 4405506 5-71					16		14,879	3.54	526						
1449842 HAMM HILL IDEAL TEXAL BRONC...		1	15	1-42	15	1.7	13,427	3.34	448	13	23	+53	-.02	-1	+1
08-25-63 1295307 5302623 5-71					6		13,111	3.44	451						
1449854 RITACLIFF ROYAL WILLOWDALE....		1	28	1-82	28	1.6	14,694	3.55	521	4	25	+56	-.05	-5	-3
07-02-63 1303198 3800020 5-71					20		14,525	3.78	549						
1449909 HUTCH FOBES CORONET.....*		2	12	2-31,34	14	1.5	13,791	3.55	489	14	23	+43	.00	+1	+2
05-21-62 1215448 3685010 5-71					26		13,568	3.55	482						
1449915 COUNT BESS.....		1	42	1-42	42	1.6	12,436	3.59	446	27	26	-164	+.01	-5	-8
09-23-63 1330446 4332515 5-71					10		12,983	3.58	465						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	%	FAT	%	1ST INC	REPT	PREDICTED DIFFERENCES MILK	%	FAT	$$
1449917 DIAMOND J DUSTY BEECHWOOD.....		1	69	1-93	69	1.0	17,451	3.32	579		8	24	+29	.00	+1	+2
06-27-63 1205185 3897528 5-71					338		17,704	3.30	585							
1449929 DE LAVAL WAYNE DUNDERBECK.....*		4	10	2-21,51	19	1.9	14,834	3.36	498		0	35	-31	-.04	-6	-6
09-15-63 1225883 4727929 5-71					16		15,034	3.47	521							
1449933 SCOTTSCREST MOE JOE.....*		1	20	1-32	20	2.1	16,063	3.59	577		25	26	-43	-.02	-5	-5
12-19-62 1230640 4334606 5-71					15		16,489	3.70	610							
1449954 BONO HAVEN TRIUMPH.....*		2	13	1-21	17	2.0	14,385	3.38	486		**	28	+46	-.05	-6	-4
08-20-62 010260599 010774313 5-71					17		14,253	3.60	513							
1449955 SANDSDALE SOV ROYAL SUPREME...*		8	6	1-23	25	1.6	13,961	3.72	519		25	47	-403	-.03	-18	-25
06-05-63 010233528 3997771 5-71					14		14,922	3.80	567							
1449961 SANDYLAND MAX CAN.....		1	13	1-73	13	1.0	13,218	3.67	485		8	19	-217	+.04	-3	-8
06-26-63 1382768 5132401 5-71					20		14,410	3.50	505							
1449962 HERM-COURT SKOKIE HAWK.....*		1	18	1-51	18	1.6	14,267	3.90	556		17	23	-242	+.10	+5	-2
12-06-62 1280015 5294536 5-71					37		15,477	3.47	537							
1449969 DOUBLE REFLECTION.....*		3	24	1-87	36	1.4	13,564	3.44	466		31	32	-366	+.01	-12	-19
07-25-63 010278203 011252661 5-71					79		14,800	3.43	508							
1450005 EL-KATRINA IVAN PRINCE.....*		1	34	1-93	34	1.6	16,214	3.67	595		0	26	+274	+.02	+13	+18
11-18-62 1189870 5570334 5-71					111		15,271	3.59	548							
1450006 EL-KATRINA IVAN SUE.....		1	29	1-93	29	1.8	15,334	3.80	582		0	26	+81	+.06	+11	+11
11-20-62 1189870 4086840 5-71					110		15,146	3.59	543							
1450068 PAUL-LYN SUPREME GOMAR.....		1	16	1-48	16	1.6	13,588	3.46	470		27	23	-53	.00	-2	-3
09-13-63 1226127 5472140 5-71					16		13,813	3.47	480							
1450084 WEARY RIVER FRASEA STAR.....*		3	5	1-93	11	1.6	15,567	3.55	553		29	29	-343	.00	-12	-19
06-17-63 1175596 4641604 5-71					114		17,062	3.56	608							
1450090 STALEY SLOGAN.....*		2	33	1-35	37	1.9	14,494	3.73	541		3	29	+218	-.01	+7	+11
09-23-63 1419631 4609320 5-71					15		13,718	3.78	519							
1450108 PORKY REGAL SEARS.....*		3	23	1-21	27	1.8	16,311	3.81	622		4	28	-59	+.07	+7	+4
02-28-63 1085978 4649196 5-71					11		16,813	3.60	606							
1450124 TYPLUS ADMIRAL PRIDE.....*		6	3	2-42,74	14	1.4	14,536	3.47	504		15	38	+289	-.05	+3	+10
11-04-63 1237057 5016824 1-71					10		13,760	3.60	496							
1450133 MAC SWAN JUPITER CHAMPION.....*		7	17	4-11,21,	32	1.9	15,538	3.32	516		4	37	+228	-.07	-2	+4
11-13-61 1144239 5395290 5-71				23,51	19		15,033	3.49	525							
1450163 OAN-MAR IVANHOE CAPTAIN.....	35-75	21	1	8-21,23,	22	1.7	14,160	3.63	514		47	57	-689	+.01	-24	-38
09-15-63 1189870 5614744 5-71				35,55,93	25		15,531	3.63	564							
1450180 LODESTAR SPECULATION.....		1	10	1-23	10	1.2	11,045	3.65	403		0	19	-417	+.01	-14	-22
12-20-62 1404266 5219422 9-70					2		13,218	3.66	484							
1450199 KAM-JA HI HOPE JO.....		2	35	1-93	37	1.9	16,614	3.93	653		9	28	+71	+.07	+12	+12
10-21-62 1250992 3634297 5-71					117		16,628	3.73	620							
1450202 PENN-GATE FONO ACE.....*		3	8	2-23,73	11	1.8	14,414	3.13	451		10	26	-110	-.09	-16	-16
07-15-63 1267389 4643806 5-71					22		14,943	3.47	518							
1450216 PACLAMAR SENATOR TOMAHAWK.....*		11	5	3-48,74,	22	1.9	14,170	4.06	575		11	48	-570	+.15	0	-15
07-08-63 1252985 4635815 5-71				84	15		15,528	3.77	585							
1450226 THONYMA PACLAMAR JOSINA.....*	31-02	34	2	4-31,43,	47	1.6	13,378	3.65	488		30	71	-807	+.01	-28	-44
07-20-63 1274923 4650618 5-71				56,64	18		14,575	3.64	531							
1450228 PACLAMAR BOOTMAKER.....*	35-75	55	6	19-23,31,	127	1.3	17,609	3.56	627		10	80	+1,660	-.07	+49	+84
09-22-63 1396885 3818879 5-71				48,84,93	32		15,720	3.65	573							
1450242 CURLINGS POLY NIC PRINCE.....		1	10	1-52	10	1.6	16,280	3.52	573		20	21	+59	-.02	0	+2
09-27-63 1010936 4412848 1-71					27		16,222	3.61	586							
1450248 OAKWOOD KING PRILLY MARK.....		2	18	1-23	26	1.9	16,863	3.51	592		0	32	+85	-.07	-7	-4
09-15-63 1382322 4173352 5-71					9		16,891	3.72	629							
1450272 EBYHOLME REFLECTION MASTER A..*	23-11	419	4	7-16,21,	899	1.6	14,254	3.65	520		15	97	-555	-.05	-27	-37
09-14-62 010260599 010864400 5-71				22,23,55	23		14,924	3.71	554							
1450287 PACLAMAR SENATOR BONUS.....*		4	6	2-34,48	12	1.3	12,770	3.60	460		27	28	-189	-.02	-9	-12
09-09-63 1252985 3362555 9-70					17		13,406	3.68	494							
1450292 LOCKWAY RAG APPLE IVANHOE.....*		10	17	5-23,31,	36	1.8	13,762	4.16	573		14	40	-509	+.17	+5	-9
02-26-63 1189870 4225111 5-71				35,51,63	78		15,156	3.73	566							
1450314 CEDAR GROVE PIONEER.....*		3	6	1-55	11	1.7	15,151	4.21	638		0	28	+101	+.12	+21	+20
11-17-63 1292880 4243266 5-71					21		14,878	3.82	569							
1450326 LOCHLAWN FIELDMASTER.....*		9	9	3-23,35,	30	2.0	15,558	3.70	576		5	47	+515	+.01	+20	+30
12-01-62 1243697 4649706 5-71				41	17		14,513	3.70	537							
1450334 FULTONWAY IVANHOE DESTINY.....	35-75	32	1	8-21,23,	40	1.9	14,973	3.45	517		6	70	-230	-.14	-28	-29
07-26-63 1189870 3207596 5-71				35,55,93	50		15,453	3.65	564							
1450349 ROCK RIVER ROYAL REX.....*	91-11	19	2	6-33,41,	25	1.5	14,411	3.68	530		11	57	+210	-.02	+5	+10
08-23-63 1397752 5251828 5-71				42,65,73	20		14,052	3.72	523							
1450356 OATS FARM WERN BENEFACTOR.....		1	24	1-35	24	1.4	10,832	3.55	384		0	24	-172	+.01	-5	-9
07-25-63 1405634 5373576 5-71					36		11,304	3.53	399							
1450384 SEGIS FAYNE MAN-O-WAR.....*		2	10	1-35	12	1.6	14,181	3.48	493		13	23	-234	.00	-9	-14
10-25-62 1188731 4352863 1-71					14		15,345	3.52	540							
1450390 RAVEN GOLDEN GENERAL.....		3	10	1-42	14	1.4	11,858	3.67	435		**	25	-205	.00	-7	-11
10-05-63 1408446 4622300 1-71					15		12,561	3.68	462							
1450406 WALKWAY IVANHOE TROY.....		1	16	1-33	16	2.1	16,928	3.76	637		13	24	+389	-.01	+12	+20
11-17-62 1189870 5343356 5-71					21		15,483	3.86	598							
1450414 ALLENOR KING KONG.....*		4	4	1-23	11	2.0	13,867	3.55	492		9	33	-377	-.03	-17	-24
10-11-63 1240579 5486937 5-71					14		15,128	3.65	552							
1450418 BUOO FARM ROYAL SPLENDOR.....*		1	22	1-31	22	1.5	15,361	3.70	569		10	24	+110	-.01	+2	+5
08-13-63 1306065 5101636 5-71					10		15,006	3.77	565							
1450422 CURTISDALE ORMSBY GOLDEN CARL.*		1	15	1-35	15	1.7	14,687	3.69	542		11	23	+199	+.01	+9	+13
06-01-63 1383087 5010415 5-71					19		13,797	3.63	501							
1450439 SUPER VIEW R S P EAGLE.....*		1	24	1-82	24	1.6	14,026	3.25	456		11	24	+112	-.03	0	+3
03-12-62 010260599 4388963 5-71					18		13,522	3.32	449							
1450473 MONCONY REFLECTOR CHRISTOPHER.		1	30	1-21	30	1.9	14,814	3.18	471		18	27	-2	-.06	-9	-8
10-11-63 1298430 4878737 5-71					75		14,924	3.42	511							
1450480 GREDALE AMITY CREATION DESIGN.*		2	8	2-12,14	10	1.9	15,865	4.00	634		0	23	+96	+.06	+12	+12
08-08-63 1280015 4236710 5-71					10		15,614	3.79	591							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1450486 LANE RIDGE CHOICE.....*		1	15	1-41	15	1.3	11,699	3.92	459	0	21	-555	+.06	-12	-24
09-30-63 1314816 5481730 5-71					19		14,339	3.65	523						
1450493 FROGMORE PONTIAC DARIUS.....*		1	24	1-21	24	1.5	14,454	3.51	508	25	24	+355	-.01	+12	+19
12-25-62 010260599 5367099 5-71					82		12,887	3.51	452						
1450494 FROGMORE PONTIAC STAR CHIEF...*		8	25	1-21	48	2.0	17,330	3.57	618	2	41	-187	+.01	-6	-10
03-16-63 010260599 3432331 5-71					21		18,221	3.57	651						
1450509 KYLAND PREMIER MAJESTY.....*		3	16	1-33	20	2.0	16,392	3.72	610	11	28	+401	-.02	+12	+20
03-12-63 1126392 3359684 5-71					6		15,078	3.81	575						
1450512 DONGROSS ORMSBY A B C LAD.....*		2	13	1-35	15	2.4	14,759	3.52	519	0	27	-229	.00	-8	-13
09-01-63 1276654 4358344 5-71					15		15,788	3.53	558						
1450519 WOODMAR CAPPER.....*		1	12	1-50	12	2.6	16,623	3.48	579	0	25	+338	-.02	+10	+17
09-02-63 1132993 5C56220 5-71					36		15,396	3.51	541						
1450556 ELLINGDALE BURKE CHALLENGER...		1	10	1-35	10	1.4	15,044	3.38	509	50	20	-98	-.04	-9	-10
09-29-63 1300845 3915998 5-71					11		15,729	3.59	565						
1450564 BURKE PONTIAC LEADER.....*		3	12	1-57	16	1.3	15,736	3.43	540	6	25	+239	-.05	+2	+8
07-30-63 1150470 3940744 5-71					75		14,852	3.61	536						
1450601 MOUNO ACRES PENLIN CREATOR....	21-10	205	3	8-11,13,	360	1.5	14,387	3.76	541	14	94	-619	+.08	-12	-26
06-02-63 1243697 2677020 5-71				14,16,21	24		15,167	3.70	561						
1450613 TRIPLE-N DOLL PRINCE PETE.....*		4	10	2-52,55	15	1.5	15,325	3.34	512	0	27	+276	-.06	+1	+8
10-24-63 1263152 4625663 5-71					28		14,356	3.55	510						
1450625 RIDGEPORT ZELOEN KING.....		2	9	1-91	14	1.4	16,380	3.52	576	15	27	+9	+.01	+2	+2
07-14-63 1397752 4313042 5-71					10		16,614	3.45	574						
1450629 HY-SEEN COLA NEPTUNE.....*		2	14	2-42,61	16	1.9	14,701	3.52	518	15	26	-73	-.02	-5	-6
06-08-62 1241038 3824187 1-71					17		15,109	3.61	545						
1450630 NOEL ELLEN SIR GREGORY.....*		4	6	1-21	12	1.3	14,367	3.78	543	25	28	-256	+.06	-1	-7
08-01-63 1330597 3561144 1-71					28		15,454	3.59	555						
1450640 KNOLLSIDE ABBEKERK SHERM.....*		3	20	1-41	24	1.5	12,677	3.62	459	19	26	-404	-.02	-17	-25
10-12-63 1427784 4507371 5-71					10		14,247	3.73	531						
1450667 CAPTAIN REIMERIDGE LIZA.....*	16-04	35	4	5-11,13,	62	1.5	15,463	3.52	544	21	71	-379	-.08	-25	-31
07-27-63 1144239 5111024 5-71				14,16,48	24		16,227	3.63	589						
1450683 ELMER BROOK ATLAS HOMESTEAD...*		1	22	1-35	22	1.8	12,703	3.72	472	9	25	-122	+.02	-2	-5
08-21-63 1355942 5387913 5-71					10		13,120	3.67	482						
1450689 ARLENDEL NOWISCO LAD.....*		3	4	1-35	10	1.5	12,756	3.62	462	25	30	-170	-.02	-9	-12
09-07-63 1350190 4184627 1-71					16		13,267	3.72	494						
1450692 LIME HOLLOW BURKGOV ROBURKE...	61-02	61	1	5-31,33,	71	1.5	15,152	3.60	545	8	80	+751	.00	+27	+42
08-12-63 1038509 4247611 5-71				34,61,74	19		14,241	3.60	512						
1450693 HOOGBOOM KING MAOCAP SESAME...*		2	14	2-51,61	16	1.6	10,873	3.99	434	7	25	-434	.00	-15	-24
10-14-63 1373442 4113317 1-71					31		12,481	3.99	498						
1450751 SIMPSON FARM TIOY SUPREME.....*		3	15	2-23,31	19	1.7	16,274	3.74	609	32	27	-15	.00	0	0
06-26-63 1300014 4175970 5-71					21		16,600	3.75	623						
1450752 VILVALY VITALITY VISCOUNT.....*		1	14	1-35	14	1.8	16,833	3.71	624	7	23	+134	+.02	+7	+9
09-14-63 1420414 4707482 5-71					20		16,504	3.67	605						
1450763 EL-RA-FARM JEWEL FOUNDATION...*		5	5	2-11,23	14	1.7	12,533	3.80	476	31	34	-781	+.06	-20	-37
07-08-63 1292880 4208074 5-71					39		14,926	3.63	542						
1450765 COLSTAH KING LEA CAP.....*		2	14	1-84	16	1.5	14,827	3.38	501	**	24	+526	-.04	+13	+24
10-07-63 1402593 4634679 5-71					93		12,498	3.53	441						
1450780 MARQUART IVANHOE.....*	35-05	23	3	3-33,35,	43	1.3	15,006	3.71	557	12	65	+253	+.01	+10	+15
09-12-63 1189870 4818441 5-71				52	21		14,689	3.72	546						
1450781 KLINGSTON VIEW AAGGIE TEXAL...*		2	6	1-51	12	1.8	12,911	3.59	463	0	30	-378	-.04	-19	-26
06-08-63 1291028 5572504 5-71					70		14,216	3.76	534						
1450795 PONO FARM SPARKY MONTVIC IMP..*		4	8	2-13,21	20	2.1	14,321	3.62	518	7	39	-137	+.01	-3	-6
12-08-62 1181068 3961684 5-71					21		14,760	3.59	530						
1450836 SUNNYSIDE STANDOUT MOSE-TWIN..	61-02	15	1	1-34	17	1.4	15,633	3.61	565	15	47	+665	+.03	+28	+40
10-06-63 1392559 4103183 5-71					15		14,258	3.56	507						
1450861 BO-CAR BURKGOV INKA OE KOL....*		2	18	1-21	20	1.5	14,406	3.45	497	0	25	-214	+.01	-7	-11
08-18-63 1038509 4649885 5-71					17		15,415	3.46	533						
1450862 ZION MEADOWS DALE.....*		1	11	1-51	11	1.9	16,646	3.46	576	10	22	+452	-.06	+7	+18
08-02-63 1189870 4976494 1-71					30		14,682	3.74	549						
1450891 EMPRESS GENERAL BOY.....		4	6	1-21	16	2.0	12,855	3.59	462	13	36	-371	+.03	-9	-17
08-28-63 1215402 4411180 5-71					3		13,874	3.51	487						
1450910 LEADHOLM SUPREME ACE.....*		4	5	2-13,21	15	2.8	14,062	3.95	555	7	39	-365	+.12	+3	-7
01-19-62 010267672 010726982 5-71					17		15,122	3.64	551						
1450912 VERNWAY JO STAR CHAMPION.....*		2	14	2-82,91	16	1.6	13,165	3.46	455	0	24	-183	.00	-7	-11
11-10-62 1274923 4996519 1-71					16		13,919	3.50	487						
1450916 ANEDAW R A SEGIS GINGER.....*		3	8	1-41	11	2.2	15,429	3.84	592	**	27	-104	+.10	+10	+6
08-17-63 1258673 4305626 5-71					10		16,020	3.50	560						
1450930 SKOGEN VALENTINE BENEFACTOR...*		5	9	2-35,41	16	1.6	16,587	3.42	567	**	30	+643	-.10	+9	+24
12-09-62 1199324 4243611 5-71					14		14,531	3.73	542						
1450936 TRIPLE C OLLIE DEAN.....*		1	13	1-48	13	2.0	12,370	3.35	415	8	23	-235	+.01	-7	-12
08-27-63 1188192 4317196 5-71					80		13,323	3.33	443						
1450965 CHETBAR TREASURE FRANK.....		1	21	1-41	21	1.3	13,627	3.80	518	0	23	-107	+.04	+1	-2
12-17-61 1222048 4485368 1-71					6		14,120	3.66	517						
1450969 SUPREME RAG APPLE HIGHBOY.....*		2	8	2-51,54	10	1.2	13,395	3.56	477	22	21	-305	+.01	-9	-15
11-23-63 1339226 4375289 5-71					25		14,992	3.51	526						
1450980 VICTOR ARTIS.....		1	36	1-21	36	2.1	13,834	3.36	465	9	27	-181	-.03	-10	-13
12-03-62 1382269 4939707 5-71					21		14,558	3.48	507						
1450985 RANOOLA SKYLINER NORMAN.....*		2	10	1-21	20	1.3	15,561	3.39	528	5	31	+463	-.04	+11	+21
11-08-63 1244845 4516437 5-71					26		14,093	3.49	492						
1450990 WIL-O-WHIT GLENVUE MAX.....*		3	15	1-87	26	1.5	15,285	3.39	518	12	32	+43	-.04	-4	-2
11-16-62 1382768 4619535 5-71					19		15,284	3.51	537						
1451003 PRIDE POLO FEMCO SATIN.....*		1	11	1-45	11	1.2	15,099	4.10	619	25	19	-249	+.08	+2	-5
11-18-63 1402764 4232918 1-71					14		16,683	3.70	618						
1451014 ESMUR OOWNS PETROW R I MODEL..*	35-05	6	6	1-41	18	1.9	16,282	3.92	638	0	40	+385	+.10	+28	+33
03-01-63 1357442 4479944 5-71					10		15,473	3.72	576						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	%	FAT	%	1ST REPT INC	%	PREDICTED DIFFERENCES MILK	%	FAT	$$
1451017 NICSYL 8 R 8URKGOV.....*		1	12	1-21	12	1.5	14,979	3.81	570		17	21	-214	+.D6	+1	-5
07-12-63 1038509 5524198 5-71					2D		16,23D	3.54	574							
1451025 HSLEE GOLD RO8IN.....*		5	3	1-65	11	1.4	14,022	3.49	489		18	32	-348	.DO	-12	-19
12-01-63 1137503 4D15177 5-71					11		15,262	3.51	535							
1451051 MALLARY PONTIAC LEADER.....		1	17	1-13	17	1.5	12,295	3.55	437		6	23	-399	-.03	-19	-26
11-05-63 01026D599 4520D67 5-71					1		14,078	3.74	526							
1451052 MALLARY PONTIAC GLORIOUS.....*	23-11	8D	2	4-13,21,	121	1.3	13,978	3.89	544		18	85	-1,D47	+.20	-12	-37
11-06-63 D10260599 5054815 5-71				22,23	28		15,357	3.69	566							
1451062 MACHOLD SKOKIE SEGIS.....*		2	6	1-21	11	2.0	16,282	3.62	59D		27	30	+246	-.01	+7	+12
11-28-63 1315498 4237016 5-71					3D		15,626	3.66	572							
1451072 DON AUGUR EVERLASTING MEMORY..*		6	4	5-16,21,	11	1.5	14,648	3.48	510		10	31	-2	+.01	+2	+2
03-15-63 1339807 5515869 5-71				31,34,35	32		14,736	3.41	5D3							
1451083 COUNTRY SKY FRIEND 8UTTERMILK.*		7	3	1-87	14	1.7	16,235	3.50	569		15	4D	+339	-.03	+8	+15
10-26-63 1244845 4939721 5-71					18		15,555	3.56	553							
1451094 JON-FIL OUKE NOEL.....*		2	8	1-21	11	2.3	14,480	3.67	532		20	27	-280	+.06	-2	-9
11-20-63 1315498 47854D7 5-71					16		15,700	3.48	546							
1451098 HOOSIER SOVEREIGN PERFECTION..		2	12	1-32	17	1.6	11,487	4.17	479		20	27	-14D	+.07	+4	0
12-27-62 136241D 4103411 5-71					16		11,787	3.92	462							
1451102 OAVISLAWN CAPTAIN RANGER.....*		2	9	1-21	12	2.3	14,638	3.31	484		18	27	+7D	-.05	-5	-2
01-09-63 1144239 4183737 5-71					20		14,429	3.51	507							
14511D4 OORCAS WES SATCHMO.....*		2	9	2-91,93	11	1.8	13,661	3.68	503		**	24	-469	+.07	-8	-19
02-28-63 1363555 4747375 1-71					51		15,813	3.44	544							
1451111 MARSHFIELO HAMTER ZEUS.....		1	20	1-52	20	1.4	14,651	3.71	543		13	23	-109	+.02	-1	-4
08-09-63 1350095 4049544 5-71					35		15,267	3.65	557							
1451134 IDEOGRAPH AOMIRAL ECHO-TWIN...*		5	29	2-87,93	36	1.4	17,689	3.36	594		11	29	+238	-.03	+4	+9
07-16-63 1237057 4630634 5-71					83		17,195	3.41	587							
1451149 THONYMA PACLAMAR AMOS.....*	35-75	6	6	3-46,48,	21	1.1	18,272	3.44	629		7	39	+686	-.04	+19	+34
09-13-63 1D98656 4204563 5-71				84	19		16,803	3.51	589							
1451150 ANOYWAY NOBEL ROBEL.....*		1	11	1-87	11	1.6	13,98D	3.55	496		0	21	-228	+.01	-7	-12
05-24-63 1360114 4711965 5-71					5		15,221	3.52	536							
1451185 CLOVERTOP PERSEUS SPUTNIK.....*	35-05	84	2	5-35,41,	125	1.3	14,604	3.73	545		13	86	+159	+.03	+10	+12
10-11-63 010260599 4253609 5-71				42,71,72	17		14,471	3.71	537							
1451201 WHISPERING-CEDARS KING CARL...*		5	3	2-23,51	10	1.2	14,448	3.82	552		13	29	+27	+.04	+7	+7
09-09-63 1397999 3449876 5-71					13		14,399	3.68	530							
1451223 GRASSYLANE MISTER RO8URKE.....	35-75	24	1	10-21,35,	28	1.7	14,964	3.64	545		9	62	-133	+.01	-4	-7
11-11-63 1065220 4115550 1-71				55,84,91	49		15,317	3.64	558							
1451237 CARNATION TIETON IOEAL-TWIN...*		2	23	1-35	25	1.9	14,192	3.61	513		8	27	-258	+.D2	-7	-13
11-25-63 1175596 4714642 5-71					9		15,282	3.57	545							
1451281 RIMAOA CRYSTE OON.....*		1	10	1-32	10	1.8	16,790	3.41	573		10	21	+386	-.05	+7	+16
08-27-63 1335787 5225133 5-71					14		15,076	3.61	544							
1451333 OXFORO HEIGHTS SUPREME HOPE...		3	7	1-21	16	1.8	17,438	3.56	620		7	35	+210	-.08	-4	+2
10-23-63 1243697 5682620 5-71					26		17,161	3.79	65D							
1451334 PAGELS ORMS8Y IODET POSCH JUP.*		5	4	1-42	13	1.9	17,396	3.4D	592		**	37	+952	-.08	+23	+44
04-18-62 1334898 4958679 5-71					13		14,905	3.57	532							
1451335 PAGELS ORMSBY POSCH PRIOE JUP.*		2	11	1-42	13	2.0	12,623	3.49	440		36	24	-240	-.04	-14	-18
06-14-62 1334898 4400987 5-71					14		13,578	3.70	502							
1451345 INSIGNIA OF MAPLEWOOO.....		3	5	1-42	13	1.3	13,928	3.41	475		0	31	+208	-.07	-3	+3
10-14-63 1179372 3914259 5-71					2		13,182	3.69	486							
1451352 MAYRIOGE GLEN SPAN.....*	21-10	29	1	1-21	31	2.1	15,625	3.43	536		13	67	+436	-.10	+1	+12
09-17-63 1239886 4544125 5-71					22		15,083	3.57	538							
1451360 J P TALOGA HI HOPE.....*		2	8	1-63	10	2.5	12,988	3.80	494		0	25	-228	+.05	-1	-7
09-09-62 1250992 4607826 5-71					16		13,894	3.60	500							
1451379 U NEVADA DOUBLE RAVEN.....*		4	10	2-87,92	24	2.0	16,014	3.57	571		5	40	+413	-.01	+14	+22
11-27-62 1113350 3870831 5-71					15		15,096	3.58	540							
1451380 U NEVADA RAVEN 8URKE PINE.....*		2	16	1-88	18	1.8	15,895	3.29	523		7	26	+47	.00	+1	+2
01-24-63 1113350 4125028 5-71					16		15,910	3.29	523							
1451389 PUGET SOUNO GOLDEN NUGGET.....*		18	6	9-42,46,	52	1.5	16,391	3.43	563		19	63	+592	-.15	0	+15
07-24-63 1215448 5126726 5-71				47,91,93	36		15,626	3.65	570							
1451394 KNOLLSIDE JO STAR.....		1	13	1-41	13	2.0	12,370	3.88	480		10	23	+51	+.05	+9	+9
07-18-63 1274923 5106374 5-71					10		11,954	3.66	437							
1451399 G-S-S OLIVER OVERLOOK.....*	42-08	7	12	3-35,42,	23	1.8	16,845	3.44	58D		29	36	+575	-.04	+15	+27
02-05-63 1070036 4131917 5-71				47	37		15,369	3.53	542							
1451416 GRAY VIEW X AM8ASSAOOR.....*		2	19	1-35	21	2.0	15,643	3.57	558		20	27	+172	-.02	+3	+7
06-22-63 1378594 4103485 5-71					13		15,119	3.65	552							
1451418 GRAY VIEW X CONTENO-TWIN.....*	35-03	87	3	11-34,35,	162	1.4	14,192	3.78	536		20	88	-392	+.09	-2	-12
11-04-63 1378594 4847D71 5-71				41,61,64	35		14,718	3.7D	544							
1451498 MITCHELL FARM ERIC FOBES.....*		1	22	1-16	22	1.6	14,409	3.75	541		6	24	+121	-.02	+2	+5
02-10-63 1273756 3134878 5-71					49		13,910	3.87	538							
1451503 HOFFMANS JULIUS IVANHOE-TWIN..*		2	15	1-23	17	1.4	14,992	3.40	51D		18	23	+73	-.05	-5	-2
03-04-63 1189870 3410658 5-71					20		14,760	3.67	541							
1451515 NEW HOPE VICTOR WAR HOSS.....*		1	20	1-74	20	2.2	16,075	3.60	578		5	26	+68	.0D	+3	+4
02-23-63 1341868 4021084 5-71					79		16,025	3.58	574							
1451531 GOLD TOP GOLDEN 8ELL NUOINE...*		6	7	2-11,14	15	1.5	15,466	3.79	586		21	31	+260	+.01	+11	+16
10-17-63 1244185 4443482 5-71					24		14,715	3.79	558							
1451564 REINHARTS SKYGORA OAT 8ULIS...*		1	15	1-23	15	1.3	13,915	3.63	505		15	21	-309	+.02	-8	-15
11-23-63 1329588 5305656 5-71					24		15,560	3.54	551							
1451565 8UO RANCH A 8 S DE KOL.....	35-75	35	1	12-21,23,	42	1.9	14,995	3.79	568		11	72	-33	+.15	+20	+16
11-15-63 1038509 4174187 5-71				35,41,55	33		15,165	3.59	544							
1451575 JONESVALE AOMIRAL.....*		3	8	1-21	15	1.7	17,155	3.62	621		20	32	+519	-.02	+16	+27
09-19-63 1237057 4918526 5-71					33		15,680	3.67	576							
1451614 S C P STAR DEAN DAN.....*		6	12	1-56	29	1.8	13,245	3.43	454		29	40	0	-.03	-4	-3
08-08-63 1274923 4379808 5-71					79		13,167	3.51	462							
1451620 SHER-MAR PRESIOENT JOHNSON....*		3	7	1-21	13	1.7	16,552	3.49	577		18	29	-10	-.02	-3	-3
D8-02-63 1397752 4161582 5-71					21		16,882	3.56	6D1							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS	REC/DAU HEROMATE	MILK	% FAT	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1451626 GLAOTIME SUNNY KNIGHT.....	35-75	27	2	12-23,31,	35	2.0	14,925	3.58	534	15	68	-88	-.03	-7	-8
09-20-63 1239886 3594768 5-71				35,41,93	44		15,181	3.63	551						
1451634 ELLISHILL 80LO VALIANT.....*	21-10	44	1	3-11,13,	46	1.9	14,755	3.42	504	11	74	-86	-.13	-21	-20
11-13-63 1245520 3861300 5-71				21	24		14,976	3.59	537						
1451637 NUOAK ORMS8Y 8URKE.....*		2	14	1-92	18	1.4	15,213	3.30	502	19	25	+565	-.05	+13	+25
11-07-63 1271075 5142000 5-71					22		12,881	3.46	446						
1451649 INTERNATIONAL MASTERMAN.....*		4	5	1-41	10	1.9	14,616	3.44	503	33	28	-278	-.04	-16	-20
12-05-59 010253819 010961541 1-71					19		15,804	3.61	571						
1451650 KLEVER HURLWOOO HOPE OYNASTY..*	61-02	89	2	4-31,32,	128	1.6	13,966	3.72	520	12	87	-306	+.10	+3	-5
04-26-63 1243697 4061463 5-71				33,61	19		14,362	3.61	518						
1451709 MAVIEW SUPER8 CHARIOTEER.....*		7	2	2-11,55	13	1.2	15,041	3.68	553	10	36	-132	+.01	-4	-7
10-28-63 1254887 3845954 5-71					33		15,569	3.68	573						
1451732 CEN-SEC STANOARO LEN.....*		4	11	3-33,35,	28	1.6	14,035	3.63	510	8	41	-44	.00	-2	-3
11-13-63 1373055 4806960 5-71				55	12		14,169	3.66	519						
1451736 LEVEL LAWN SOVEREIGN JOE.....*		2	24	1-35	41	1.8	12,079	3.40	411	16	37	-87	-.05	-10	-11
09-04-63 1276654 4819804 5-71					15		12,138	3.58	435						
1451753 OUTCH CORNER MT TOM AOIOS.....*		9	1	2-21,52	11	1.6	15,476	3.39	525	25	39	+56	-.05	-5	-3
10-21-63 1379390 4765341 5-71					17		15,486	3.53	546						
1451760 RIVER VALLEY CLASSIC REGENT...*		2	7	1-21	13	1.5	12,126	3.60	436	**	29	-524	+.04	-13	-24
08-22-63 1418796 4201126 5-71					15		13,923	3.47	483						
1451762 8UOO FARM OUT CROSS.....*		8	18	3-32,34,	39	1.5	13,552	3.96	537	21	39	-275	+.10	+4	-4
04-25-63 1378594 3938195 5-71				55	33		14,299	3.70	529						
1451776 STEVELAWN ROYAL DUKE.....*		2	8	1-34	10	2.3	12,793	3.70	473	0	24	-134	+.03	-1	-4
02-22-62 1354925 3875615 5-71					7		13,281	3.61	480						
1451779 LILRUE PEGGY STAR JEO.....	35-75	25	2	10-21,35,	34	2.0	15,403	3.60	554	10	67	+119	-.02	+2	+5
10-08-63 1223243 4307849 5-71				41,55,93	62		15,368	3.62	557						
1451780 KIN WAYNE AUOACIOUS.....*		1	14	1-23	14	2.5	12,083	3.90	471	30	25	-15	.00	0	0
09-28-61 1237747 4427284 5-71					21		11,950	3.94	471						
1451790 JAMARIE HILLMAC IVANHOE 8EN...*		4	5	1-51	14	1.9	14,353	3.85	553	17	35	+365	+.05	+21	+27
09-08-63 1189870 4003071 5-71					24		13,226	3.70	490						
1451800 COZY HAVEN HI LEAOER SHOT.....*		1	13	1-21	13	1.7	15,246	3.44	525	31	22	-206	.00	-8	-12
10-28-63 1250992 4578436 5-71					23		16,425	3.49	574						
1451814 OO-RAN GOVERNOR OAWN.....		2	9	2-35,74	11	2.1	13,214	3.61	477	18	25	-102	-.06	-12	-13
12-04-63 1234023 4417591 5-71					20		13,596	3.91	532						
1451817 8AROWELL A 8 C FLAME CASPAR...*		1	12	1-12	12	1.8	14,803	3.53	522	8	22	+66	-.04	-3	-1
06-26-63 1276654 4971488 5-71					17		14,564	3.72	542						
1451822 HAEGMAN MOOEL KEYES JAY JOY...*		5	4	2-48,73	14	1.4	13,951	3.70	516	27	35	-193	+.06	+1	-4
12-10-63 1287181 5472193 5-71					24		14,571	3.53	515						
1451839 COMMONWEALTH KSH AOMIRAL REX..*		9	1	3-47,61,	10	1.3	13,860	3.53	489	0	35	+86	-.01	+2	+4
08-01-63 1237057 4985392 1-71				63	18		13,576	3.54	480						
1451853 HOPEHAVEN OUKE.....*		4	8	2-51,52	16	1.5	16,305	3.43	559	19	31	+427	-.04	+9	+19
12-18-63 1288610 4992288 5-71					26		15,050	3.55	535						
1451872 GREEN MEAOOW OUKE PROGRESSOR..*		10	12	10-16,32,	32	1.7	13,603	3.50	476	23	42	-41	-.03	-5	-5
07-20-63 1288610 4227776 5-71				34,48,61	329		13,676	3.57	488						
1451884 SUNNYSIOE VEEOICTION.....		1	17	1-41	17	1.8	14,119	3.86	545	19	24	+97	+.01	+5	+7
08-28-63 1210507 5006007 5-71					6		13,685	3.84	525						
1451885 SUNNYSIDE LEAOER VEEDICTION...	41-01	24	1	2-41,45	25	1.0	14,790	3.46	511	8	56	+190	-.06	-2	+3
09-10-63 1210507 4457688 5-71					18		14,503	3.57	518						
1451888 FULTONWAY OEAN MARK.....*		2	9	1-23	11	2.6	15,668	3.52	552	9	26	+277	-.04	+5	+11
02-17-63 1377955 4118424 5-71					41		14,679	3.67	538						
1451896 ROCKCREST LEAOER LEE SAM.....*		1	25	1-35	25	1.6	16,707	3.49	583	18	25	+43	+.02	+4	+4
05-02-63 1363672 5195497 5-71					20		16,818	3.42	575						
1451916 ELM RIOGE MAPLE PREMIER.....*		4	16	1-35	24	1.6	15,354	4.00	614	0	32	+123	-.01	+3	+6
06-05-63 1386406 2896978 5-71					19		15,080	4.08	615						
1451917 ELM RIOGE MAPLE ROCKET.....*		1	16	1-35	16	1.4	10,695	4.10	439	0	22	-313	+.05	-5	-12
08-05-63 1386406 5102217 5-71					9		11,906	3.89	463						
1451920 OEONA MISTER OE KOL.....*		15	5	5-33,41,	35	1.3	14,400	3.77	543	16	55	+130	+.07	+14	+15
06-22-63 1250992 5314758 5-71				42,47,56	52		14,188	3.67	520						
1451949 GEORGETOWN SKYANN ILEX JOHNIE.*		2	11	1-21	13	1.5	18,565	3.32	616	0	23	+553	-.03	+16	+28
07-05-63 1213164 5180970 5-71					32		16,441	3.36	552						
1451955 R & L IOEAL COMET.....*		9	8	2-48,74	25	1.5	13,665	3.72	509	29	42	-186	+.01	-6	-10
08-24-63 1144239 4899223 5-71					16		14,126	3.74	528						
1451975 SPECIAL TRANSMITTER ROYAL.....*		9	3	2-91,92	16	1.7	16,911	3.40	575	**	44	+486	-.09	+4	+16
04-01-63 1354288 4323987 5-71					20		16,008	3.59	574						
1451994 JAWAY TOGUS LAUREL O8IE.....*		3	10	2-16,21	23	1.7	15,282	3.32	507	14	37	-37	-.08	-12	-11
11-04-63 1181029 4372352 5-71					26		15,544	3.52	547						
1452014 COMMONWEALTH CSH CHIEF CHAMP..		1	22	1-61	22	1.6	15,256	3.78	576	29	24	+47	+.04	+7	+7
07-02-63 1249430 4892400 5-71					39		15,183	3.63	551						
1452015 COMMONWEALTH CSH 8URKE PAT....		2	14	1-61	16	1.4	14,993	3.72	557	38	23	-19	.00	0	0
08-04-63 1136723 4232607 5-71					25		15,207	3.74	569						
1452029 SIR HAYSSEN WINTORIAS.....*		6	8	3-31,32,	19	2.4	15,229	3.52	536	**	39	+112	-.03	0	+3
01-20-62 1250992 4529811 5-71				58	12		15,055	3.59	540						
1452047 SHERWOOO EXCEL.....*		1	20	1-35	20	1.8	14,730	3.57	526	0	24	+184	.00	+6	+10
10-01-63 1378594 4841813 5-71					36		13,974	3.59	502						
1452057 LLENROC ROYAL OEAN.....*		1	21	1-35	21	1.8	12,161	3.47	422	6	25	+33	+.01	+2	+3
10-24-63 1362609 4176979 5-71					33		11,814	3.41	403						
1452064 MARGEO RICH-HERO OELLA.....*		2	8	1-42	11	1.7	13,768	4.25	585	20	25	-411	+.04	-9	-18
10-01-63 1235329 5086077 5-71					19		15,571	4.09	637						
1452074 OAKMULGEE WIPLEDALE LEAOER....		2	11	1-52	17	1.4	13,622	3.74	510	20	28	-305	+.08	0	-8
11-28-63 1263152 4075307 5-71					20		14,788	3.48	515						
1452078 STERLINGDALE PIONEER AOMIRAL..*	23-09	1	20	1-21	20	1.8	18,898	3.42	647	16	25	+707	-.11	+10	+27
11-07-63 1292880 4409047 5-71					22		16,244	3.81	619						
1452090 OUKE KENNOALE CENTURION.....*	21-10	65	2	3-13,21,	90	1.9	15,959	3.45	551	19	83	+379	-.11	-2	+8
02-15-63 010239301 011235009 5-71				23	23		15,675	3.58	561						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HO	STATES NO- WITH MOST DAUS	...DAUGHTERS AND HEROMATES... DAUS HM/DAU	REC/DAU HEROMATE	MILK	%	FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1452091 V V JASON CHIEFTAIN.....*	21-10	51	1	4-13,14,	57	2.0	14,076	3.57	503	17	78	-527	+.01	-17	-28
02-23-63 1215995 4568459 5-71				16,21	18		14,843	3.56	529						
1452096 ERWINDALE SULTAN MAX.....*		5	7	1-21	14	1.7	15,184	3.40	516	0	30	-13	-.05	-7	-6
07-13-63 1273690 5115917 5-71					28		15,374	3.54	545						
1452097 ERWINDALE GOVERNOR PIEBE.....	35-75	15	2	8-21,23,	21	1.8	15,760	3.53	556	26	54	+270	-.07	0	+7
11-26-63 1010936 4776538 5-71				33,35,87	25		15,411	3.64	561						
1452104 REXSON SKOKIE PRESIDENT.....*		3	15	1-21	19	1.7	14,607	3.44	503	11	27	-97	-.05	-10	-11
12-19-63 1288610 5781262 5-71					26		15,080	3.63	548						
1452108 HERRICK HILL ROCKET WALLIE....		1	16	1-23	16	1.5	14,891	3.69	549	6	22	+469	.00	+17	+26
11-04-63 1163043 4990587 5-71					12		12,659	3.70	469						
1452125 CULVER LIEU LAD IVAN.....	63-01	33	4	1-63	89	1.7	12,767	3.62	462	13	78	-749	+.04	-22	-38
09-10-63 1145788 3914708 5-71					22		13,703	3.58	490						
1452131 CLOVER HILL REFLECTION MAOCAP.*		1	16	1-14	16	2.1	13,669	3.70	506	19	25	-162	-.03	-10	-13
07-02-63 1389431 4580968 5-71					29		14,380	3.87	557						
1452133 FOROHAVEN CAPPY SONYA.....*		2	10	1-13	12	1.3	8,965	3.41	306	11	22	-204	-.01	-9	-13
08-21-63 1144239 3805385 5-71					22		9,444	3.53	333						
1452142 HARBORCREST PACLAMAR M C.....*	31-02	131	3	15-31,43,	218	1.2	14,175	3.64	516	11	91	+85	+.01	+4	+6
10-05-63 991741 3894850 1-71				56,57,71	21		14,097	3.63	512						
1452157 ELMWOOD HOPE COMET BOY.....*		2	10	1-35	12	1.3	12,834	4.04	518	**	22	-209	+.09	+5	-1
08-19-63 1243697 4897848 5-71					13		13,766	3.59	494						
1452173 HOODS CHERRY HILL C OYNAMO....		2	36	2-12,14	38	1.5	13,587	3.76	511	0	26	-73	+.02	0	-2
11-15-63 1231982 4316209 5-71					20		13,864	3.72	516						
1452180 COCHRAN FONO MARK.....*		6	9	2-21,31	17	1.5	15,814	3.41	539	31	32	-196	-.05	-14	-17
08-07-63 1243697 4866586 5-71					19		16,711	3.55	594						
1452218 SHUR-POLL ESTER BURKE LAD JOE.*		2	9	1-41	15	1.4	12,292	3.66	450	29	28	-400	+.02	-12	-20
04-22-63 1279715 4630359 1-71					12		13,718	3.61	495						
1452230 MASHADE MIMI ALAN.....*		1	14	1-16	14	1.9	14,853	3.72	553	15	23	-133	+.04	+1	-3
06-03-63 1399018 4984352 5-71					24		15,591	3.55	554						
1452242 INGLIS ADAM IVANHOE.....*		4	18	1-21	27	1.2	14,101	3.67	518	22	29	-385	+.07	-5	-14
07-05-63 1189870 4071579 5-71					46		15,593	3.47	541						
1452285 OAKTON DON BURTON JULE.....		1	15	1-21	15	1.3	12,788	3.29	421	33	21	-43	.00	-1	-2
10-01-63 1270090 4181094 5-71					9		12,889	3.28	423						
1452290 HAYSSEN MASTER DUKE.....*		1	12	1-35	12	1.6	12,230	3.56	435	0	21	-103	+.01	-3	-5
10-14-63 1409357 4770175 5-71					31		12,590	3.57	449						
1452318 WILLOW VALLEY CASPER CREAMELLE*		1	16	1-35	16	1.6	14,201	3.77	535	10	23	0	-.01	-2	-2
09-24-63 1314767 4665492 5-71					28		14,235	3.89	554						
1452319 SARGES FINALE DEAN.....		5	7	1-48	20	1.6	13,422	3.52	472	0	40	-111	-.03	-8	-10
08-21-63 1188192 4481789 5-71					25		13,679	3.62	495						
1452322 LAWN GROVE LEADER PRIDE.....*		4	8	1-33	15	1.8	16,767	3.35	562	0	31	+439	-.09	+3	+14
11-12-63 1237057 4380041 5-71					7		15,496	3.59	557						
1452343 UTAG KNIGHT OLIVE DOELL.....*		3	16	3-82,87,	27	1.5	15,570	3.55	553	12	33	+179	-.03	+2	+6
07-21-63 1242221 4539549 5-71				93	21		15,142	3.65	552						
1452345 UTAG OAGAN EX ALAN.....*	35-75	32	1	11-21,35,	40	2.2	16,844	3.52	593	10	71	+1,136	-.05	+34	+58
09-24-63 1223243 3961563 5-71				41,42,55	38		15,398	3.57	550						
1452352 WALHOWOON YEOMAN SAMBO.....*		1	12	1-12	12	2.0	15,934	3.57	569	25	23	+118	-.04	-1	+2
12-04-63 1416113 5238424 5-71					13		15,578	3.76	585						
1452372 ROCKLEDGE SKYLINER JETHRO.....*		8	2	2-48,73	12	1.6	14,989	3.73	559	0	38	+141	+.01	+7	+9
02-08-63 1244845 4946880 5-71					18		14,695	3.71	545						
1452383 BRIGEEN ROSAFE ECHO.....	35-05	127	3	5-32,33,	216	1.3	14,008	3.75	525	19	90	-502	+.07	-9	-20
12-03-63 010260599 3862151 1-71				35,41,42	16		14,634	3.69	540						
1452388 OLSUMMIT FANNY CAPTAIN.....*		1	17	1-21	17	1.8	15,112	3.71	560	13	24	+56	.00	+2	+3
09-13-63 1144239 3243808 5-71					72		14,981	3.71	556						
1452398 CHIS-LEE BRENT AAGGIE MARILYN.		2	12	1-93	22	1.1	18,172	3.20	582	19	30	+248	-.07	-1	+6
10-11-63 1414608 5212930 5-71					113		17,714	3.39	600						
1452421 MAVIEW PANSY LAIRO.....*		6	4	2-52,58	13	1.6	16,385	3.66	600	8	36	+561	-.01	+19	+30
10-02-63 1094305 5328346 5-71					29		14,905	3.71	553						
1452475 FURRY-MONT HOPE SIMON.....		1	11	1-23	11	2.0	13,190	3.59	473	18	22	-110	+.02	-1	-4
01-22-63 1250992 3949175 5-71					13		13,667	3.53	482						
1452489 ECKERTOALE MAYTAG MILO-TWIN...*		5	4	3-42,43,	10	1.3	16,072	3.45	555	0	28	+443	-.02	+13	+22
07-06-63 1353810 4526298 5-71				47	13		14,526	3.49	507						
1452493 WILLOW FARM LUCIFER PERSEUS...*		2	15	1-11	17	1.5	17,625	3.77	665	24	25	+239	-.03	+5	+10
08-16-63 010260599 4566478 5-71					28		16,949	3.89	659						
1452497 CRESCENT BEAUTY ALL ADMIRAL...*	33-03	82	4	26-21,23,	152	1.2	12,559	3.64	457	31	85	-1,686	.00	-61	-94
08-10-63 1080108 3770693 5-71				31,33,35	22		14,613	3.65	533						
1452519 GREEN ACRES OLIVER ARISTOCRAT.*		4	20	4-23,35,	26	1.3	13,351	3.79	506	0	27	+131	.00	+5	+8
09-05-63 1236789 4671186 5-71				51,55	22		12,747	3.81	486						
1452539 TO-MAR PERSEUS CASEY.....		2	8	2-42,74	10	1.5	12,275	3.55	436	0	22	-2	.00	0	0
07-29-63 010260599 5328253 5-71					4		12,104	3.60	436						
1452549 MALLARY PONTIAC NOBLE.....*		1	20	1-23	20	1.7	14,985	3.78	567	16	24	-137	+.03	-1	-4
12-01-63 010260599 4136849 5-71					26		15,733	3.71	583						
1452556 DEER RIDGE HI HOPE SEGIS.....*		2	9	1-21	11	1.9	17,316	3.70	641	9	24	+275	-.02	+7	+13
11-15-63 1250992 4406177 5-71					27		16,421	3.79	623						
1452575 GREAT HOME COMET MAJOR.....*		1	12	1-35	12	1.4	13,378	3.80	509	27	20	-162	-.01	-7	-10
08-13-63 1406677 5078538 5-71					20		14,204	3.89	552						
1452593 MON CHER PIONEER PAUL.....		1	19	1-42	19	1.8	11,518	3.85	443	0	25	-217	+.04	-2	-7
10-22-63 1292880 4896013 5-71					15		12,235	3.66	448						
1452607 STANEAN DE LUXE KERK.....	35-75	32	1	10-23,41,	40	2.0	16,615	3.57	593	14	71	+1,011	-.03	+32	+53
08-22-63 1085978 4639873 5-71				55,91,93	49		15,325	3.60	552						
1452630 BROOKVIEW MAX ROCKET-TWIN.....		2	10	1-31	12	2.3	13,773	3.89	536	25	25	+50	.00	+2	+3
11-29-62 1382768 4477155 5-71					10		13,536	3.92	530						
1452645 SPRING FARM REFLECTION DON....*		2	9	1-21	11	1.3	14,341	3.61	518	9	21	-72	+.07	+7	+4
09-03-63 010248207 011126926 5-71					31		14,766	3.26	481						
1452720 FULTON FARMS WIPLEDALE PRINCE.	61-02	77	2	4-51,52,	112	1.2	14,437	3.48	503	14	83	-505	-.09	-30	-38
11-28-63 1263152 4947494 5-71				54,55	28		15,167	3.59	544						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1452737 DO8IHAFT ROYAL DUKE.....*		2	8	2-42,58	14	1.2	11,947	3.34	399	21	27	-207	-.03	-12	-15
10-12-63 1216136 3681217 1-71					15		12,594	3.51	442						
1452743 ALTURA DELIGHT PONTIAC.....*		8	4	3-41,45,	19	1.3	14,885	3.58	533	6	41	+394	-.04	+9	+18
12-14-63 1391977 5460962 5-71				47	19		13,933	3.68	513						
1452775 REINHARTS ANGORA MISTER X.....*		2	10	1-21	13	1.5	14,443	4.06	587	25	25	-188	+.09	+5	-1
11-04-63 1378594 3649871 5-71					23		15,333	3.75	575						
1452783 KALENE SNOWFLAKE GRANNY.....*		4	6	2-91,92	11	1.3	15,620	3.73	583	13	26	+104	.00	+4	+6
12-08-62 1277619 4365829 5-71					19		15,354	3.73	573						
1452784 PECORADALE COUNT IMPERIAL.....*		5	15	2-23,51	26	1.9	17,326	3.72	645	19	35	+118	+.01	+6	+8
11-15-63 1286222 4659508 5-71					31		17,324	3.71	643						
1452802 8YE PAT LEADER CREATOR.....		1	16	1-42	16	2.3	12,030	3.52	424	13	25	-764	+.10	-14	-31
10-07-63 1198696 5153892 5-71					14		15,178	3.16	479						
1452815 DRAGOMON FARMS ROYAL F POSCH..*		2	26	1-34	33	1.5	14,945	3.52	526	7	29	+283	-.02	+7	+13
09-20-63 1361532 4347839 1-71					16		13,973	3.59	502						
1452823 MILLERHURST SKYLIGHTER.....*		8	2	1-21	11	1.7	16,488	3.78	623	33	38	+12	+.05	+8	+7
09-22-63 1359770 3928357 5-71					28		16,736	3.66	613						
1452846 MORMILK CAPTAIN IDEAL.....		1	17	1-56	17	1.0	16,940	3.49	591	6	20	+99	-.03	0	+3
09-02-63 1144239 4862281 5-71					57		16,729	3.59	601						
1452858 EJLANE COM8INE JESS.....*		5	55	2-23,32	63	1.4	13,133	3.73	490	16	28	-115	+.04	+1	-2
09-20-63 1188731 5124937 5-71					47		13,499	3.58	483						
1452882 PIE8E SKOKIE JACK.....		3	14	1-52	22	2.3	16,477	3.62	597	0	34	+489	-.04	+12	+23
01-09-63 1199324 4629097 5-71					15		15,155	3.74	567						
1452893 MIL-KEY COM8INATION SELECTOR..*		1	17	1-91	17	1.7	16,789	3.67	616	14	23	-24	+.01	+1	0
07-11-63 1380550 5267535 5-71					29		17,224	3.62	623						
1452895 DON-SIM FOND HOPE NOEL.....*		6	23	1-13	32	1.6	13,983	3.75	525	25	31	-646	+.04	-18	-32
12-25-63 1243697 4985293 5-71					26		16,321	3.65	595						
1452930 THONYMA PACLAMAR CONCENTRATE..*	31-02	25	1	4-31,41,	31	1.9	14,507	3.51	509	4	65	-12	-.05	-7	-6
07-08-63 1098656 4593951 5-71				43,57	19		14,591	3.59	524						
1452949 MILLSTONE AL SUPER GENE.....		1	23	1-21	23	1.9	14,621	3.44	503	14	26	+76	-.03	-2	0
08-29-63 1278644 5042540 5-71					29		14,365	3.61	518						
1452955 MILLARD FARM TIDY MAX.....*		1	14	1-21	14	1.9	15,825	3.63	575	0	23	+42	-.01	0	+1
05-30-63 1283917 3482594 5-71					14		15,831	3.73	590						
1452985 HARTS8ROOK REGAL SUNRAY-TWIN..*		5	4	1-14	15	1.3	14,139	3.80	537	29	37	+253	+.02	+12	+17
10-05-63 1272986 3644349 5-71					21		13,404	3.76	504						
1452986 HARTS8ROOK MASTER.....		1	12	1-14	12	2.0	15,339	3.51	539	0	23	+23	-.01	0	+1
08-22-63 1358361 4415003 5-71					9		15,382	3.57	549						
1452988 WEEO FARMS JASON EARL.....*	21-10	30	1	2-13,21	32	1.7	15,842	3.59	569	11	66	+582	+.02	+24	+35
11-15-63 1215995 4302889 5-71					28		15,069	3.56	536						
1452989 SUNNY PASTURES I MIKE.....*		6	9	1-13	19	2.0	15,645	3.60	564	6	36	-181	-.11	-22	-23
10-15-63 1377802 4396368 5-71					26		16,400	3.92	643						
1453010 SAXOJAC 8EULAH SPAN SAXIE.....	35-75	27	1	8-32,33,	34	2.1	15,353	3.58	549	8	68	+304	-.06	+3	+10
11-09-63 1239886 4883678 5-71				35,41,55	39		15,010	3.66	550						
1453016 MR ARISTOCRAT ADANTHA.....*		5	11	1-21	28	1.6	13,535	3.60	487	18	40	-886	-.03	-36	-53
08-25-62 1313579 4235389 5-71					12		15,953	3.69	588						
1453031 LOWELL 8ENEFACTOR JERRY.....*		1	17	1-35	17	1.9	15,462	3.64	563	0	24	+290	+.02	+13	+18
10-09-62 1199324 5179501 5-71					12		14,282	3.57	510						
1453079 SOUTHWIND JULE WARRIOR.....*		1	26	1-74	26	1.4	10,970	3.57	392	45	24	-535	+.06	-11	-23
01-12-63 1179372 3168170 5-71					15		13,162	3.31	436						
1453085 PERIOA KING PEARL.....*		2	8	1-23	10	1.6	13,336	3.93	524	13	22	-219	+.05	-1	-7
10-19-63 1287089 5084330 1-71					25		14,363	3.72	535						
1453087 LILY CREEK ADMIRAL OLLIE.....		2	12	1-33	14	2.0	15,594	3.73	582	0	26	+296	.00	+10	+16
05-13-63 1237057 4975136 5-71					12		14,494	3.79	549						
1453109 MITHVA FOND HOPE 8URKGOV.....*		3	14	1-21	18	1.4	15,110	4.06	614	18	26	-302	+.08	0	-8
11-10-63 1243697 5443851 1-71					29		16,561	3.79	627						
1453113 W C R CHARLIE ROSE PEGASUS....*		1	19	1-22	19	1.5	15,140	4.02	609	5	23	+3	+.07	+10	+8
11-29-63 1217639 4713822 1-71					43		15,259	3.74	571						
1453120 HUNTING CREEK JOHN GLENN.....*		4	6	4-23,33,	12	1.0	16,131	3.73	602	73	26	+286	+.01	+12	+17
11-20-63 1189870 4245160 5-71				50,51	27		15,153	3.72	563						
1453138 LOCUST LEA SUPREME JESS.....*		2	14	1-23	18	1.6	13,893	3.74	520	7	26	+4	-.04	-5	-4
09-08-63 1104658 5116873 5-71					35		13,871	3.94	547						
1453176 CRAE8ROOK HIGH MEADOW SQUIRE..*	21-10	37	1	2-13,21	38	1.8	14,803	3.65	540	16	70	-298	+.06	-2	-9
09-22-63 1239886 4761486 5-71					26		15,372	3.57	549						
1453188 LIFE-O-RILEY FOND HOPE.....*		5	3	2-82,87	11	2.0	14,237	3.34	476	0	36	+9	-.07	-9	-7
07-18-63 1243697 4900213 5-71					11		14,243	3.55	505						
1453220 8ROADCREST PATRICK TIDY CRETE.*		1	15	1-11	15	1.2	12,431	3.87	481	0	21	-43	+.03	+3	+1
12-08-63 1402086 5122392 5-71					19		12,499	3.70	463						
1453228 8AUGO VALLEY PRIDE ACE.....*		6	11	1-32	21	1.3	13,677	3.48	476	32	32	-445	-.05	-23	-31
11-11-63 1237057 4780797 5-71					10		15,209	3.66	556						
1453235 DE LOR ALCARTRA ROWSDALE JOY..*		2	9	2-35,74	11	1.2	11,197	3.61	404	0	21	-169	+.01	-5	-9
12-02-63 1383551 4542033 5-71					11		11,790	3.59	423						
1453249 CURTMAID GINGER 8OLO.....		1	35	1-93	35	1.4	17,934	3.56	638	**	25	+13	.00	0	0
01-02-62 1258673 4894956 5-71					166		18,320	3.59	658						
1453252 LEA INN MASTER DEAN CHRIS.....		1	19	1-42	19	1.3	11,938	3.96	473	26	22	-259	+.05	-2	-8
08-25-63 1403573 5329958 5-71					3		13,032	3.73	486						
1453256 LEA INN MASTER DEAN JOE NIKE..*		3	5	1-42	10	1.2	14,339	3.26	467	30	24	-189	-.08	-18	-20
12-12-63 1403573 3357686 5-71					2		15,246	3.61	550						
1453260 TRIUNA ACE HIGH LEADER.....*		1	27	1-42	27	1.7	11,917	3.60	429	4	26	+29	+.01	+2	+2
07-22-63 1221072 4866913 5-71					50		11,566	3.57	413						
1453268 DIAMOND GROVE IDOL.....*	23-09	1	15	1-52	15	1.2	16,070	3.60	579	0	21	+182	.00	+7	+11
10-12-63 1223904 5303167 5-71					58		15,327	3.58	548						
1453276 MILK & HONEY RAG APPLE HOPE...*	23-09	101	2	6-22,23,	126	1.6	13,466	3.89	524	15	87	-996	+.12	-21	-43
11-11-63 1243697 3584837 5-71				50,51,52	19		14,685	3.77	554						
1453282 IXONIA ROYAL 8EACON.....*		1	11	1-42	11	1.6	16,002	3.50	560	18	21	+452	-.02	+13	+23
11-14-63 1415107 5316717 5-71					14		13,840	3.58	496						

REGISTRATION NUMBER / NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1453305 HOOVERDALE HI HOPE LEE.....*		1	13	1-43	13	1.2	11,317	3.58	405	62	20	-412	+.03	-11	-20
08-22-63 125D992 3935561 5-71					16		13,343	3.47	463						
1453321 EBYDALE PILOT.....*	23-11	62	5	3-22,23,	105	2.1	14,155	3.65	516	18	81	-642	-.10	-36	-47
04-06-63 010217549 010726098 5-71				51	22		15,061	3.77	568						
1453334 VIR-CLAR RAG APPLE OALVALITY..*		4	6	2-35,46	11	1.5	12,723	3.40	433	3D	27	-355	-.05	-19	-25
D7-02-63 1420414 4148964 5-71					11		14,069	3.62	510						
1453337 REMER REX TRIUNE FO8ES.....		1	20	1-41	20	1.7	15,454	3.29	508	11	24	+216	-.07	-2	+4
11-11-62 1425196 4444666 5-71					7		14,625	3.57	522						
1453355 ROSE EDGE FANNIE OUKE.....		4	20	1-42	26	1.4	12,621	3.72	470	46	27	+221	+.02	+11	+15
12-25-62 1329812 4636654 5-71					1D		11,573	3.66	423						
1453364 EIPPERHURST ROYAL K J.....		1	18	1-42	18	1.8	11,899	3.7D	44D	27	24	-207	+.D1	-6	-10
11-11-63 1383551 5482867 5-71					13		12,635	3.7D	467						
1453380 CHARNETZKI PIONEER ROAMER.....		1	24	1-45	24	1.3	15,436	3.41	527	8	23	+564	-.D2	+17	+29
07-01-63 1292880 4717626 5-71					9		12,876	3.47	447						
1453396 JONESWAY CREAMELLE COMET.....*		3	7	1-35	12	1.1	15,556	3.57	555	14	25	+146	+.D3	+9	+11
08-30-63 1314767 4762580 5-71					7		15,071	3.44	518						
1453402 SIR RAY 8UTTER 8OY.....*		3	9	1-23	13	2.2	12,924	3.99	516	0	28	-99	+.D6	+5	+2
09-13-63 1398978 4860181 5-71					25		13,208	3.76	497						
1453411 A F CRISSCROSS CRUSAOER REPEAT*		8	8	3-33,35,	19	1.3	13,101	3.79	496	33	34	-71	+.03	+1	-1
07-16-63 1378594 3977105 5-71				61	21		13,244	3.71	492						
1453413 ROUND OAK PERSEUS ADVANCER....*		4	6	2-51,52	13	1.9	15,577	3.67	571	8	33	+516	-.03	+14	+25
08-04-63 010260599 4779074 5-71					36		13,993	3.78	529						
1453418 PATSY MAMMOTH SPRING PROGRESS.	35-75	42	1	13-13,21,	49	2.1	15,638	3.57	559	11	75	+26D	-.01	+8	+13
09-29-63 975138 3825233 5-71				23,35,55	34		15,443	3.59	554						
1453426 LIME HOLLOW 8URKGOV CHEM.....	61-02	65	3	6-31,32,	110	1.6	14,332	3.57	512	14	84	-91	-.03	-7	-8
10-28-63 1038509 4312108 5-71				33,61,74	21		14,497	3.61	523						
1453440 IRVINGTON PONTIAC-TWIN.....*		3	7	1-23	17	1.8	14,919	3.34	499	6	35	+26	-.D4	-5	-3
D8-03-63 1403431 3515146 5-71					63		14,943	3.46	517						
1453458 FIR FOREST PRINCE VALIANT.....*		3	17	2-35,74	21	1.3	13,310	3.23	430	33	25	-184	-.03	-11	-14
02-03-63 1291103 4142332 5-71					20		14,050	3.37	473						
1453485 B O I MONTE IMPERIAL A8E.....	35-75	31	3	10-21,34,	52	1.8	16,523	3.55	587	11	72	+465	-.05	+9	+20
11-04-63 1137421 3837425 5-71				35,55,93	52		16,095	3.62	583						
1453486 B D I QUIZ PAUL ALEC.....	41-01	31	2	3-41,45,	39	1.6	13,258	3.70	491	12	68	-733	+.08	-16	-32
09-04-63 1242816 4645543 5-71				51	21		14,390	3.59	517						
1453487 B D I QUIZ HECTOR ORRIE.....	41-01	18	1	1-41	19	1.4	13,230	3.67	485	17	51	-324	+.04	-6	-13
11-05-63 1242816 5147622 5-71					11		13,858	3.59	498						
1453490 B O I SKOKIE PRINCE.....*	16-04	28	5	5-11,14,	44	1.7	13,970	3.57	499	8	62	-108	-.D4	-10	-11
11-02-63 1282185 5246544 5-71				16,23,51	21		14,168	3.66	519						
1453499 ROSELEOGE CONQUEROR SMUDGE....*		3	8	1-11	11	2.1	12,754	3.71	473	18	26	-335	+.D4	-6	-14
02-14-63 1293578 4594769 5-71					48		14,034	3.56	499						
1453518 MAR RO OEL OUNLOGGIN MASTER...*		1	11	1-31	11	2.1	15,496	3.47	538	0	22	+236	.00	+9	+14
07-27-63 1323323 3345252 5-71					24		14,499	3.42	496						
1453523 ROMEO ORMSBY LEADER.....		1	14	1-21	14	1.5	17,795	3.53	628	7	22	+150	-.04	0	+4
08-12-63 1259069 4480331 5-71					38		17,448	3.70	645						
1453531 STILES FARM DESIGN.....*		1	11	1-12	11	2.7	12,836	3.56	457	9	24	-226	-.02	-11	-15
01-22-63 1298378 4151681 5-71					24		13,760	3.70	509						
1453532 STILES FARM SUPREME.....*		1	11	1-12	11	1.9	13,688	3.61	494	0	22	+10	-.01	-1	-1
10-06-63 1241914 5078233 5-71					19		13,610	3.70	503						
1453537 SOBOSS BEAUTY BENNY.....*		1	11	1-34	11	2.2	11,385	3.80	433	18	22	-104	+.04	+2	-1
10-03-63 1098427 4874923 5-71					33		11,620	3.57	415						
1453543 OATS FARM MARATHON RAG APPLE..*		2	11	2-88,93	14	1.2	15,301	3.65	559	31	24	-143	+.02	-2	-5
07-21-63 1237057 4671515 5-71					26		16,125	3.58	577						
1453552 ANDREAS DEFENDER JEFF-TWIN....*		1	13	1-31	13	1.9	13,813	3.45	476	8	23	+106	-.05	-3	0
12-23-63 1363213 4934224 5-71					15		13,283	3.69	490						
1453554 TREGER PONTIAC PRINCE.....		1	22	1-86	22	1.3	16,814	3.09	520	33	23	-30	-.04	-7	-7
10-20-63 010260599 4130235 5-71					38		17,282	3.25	562						
1453570 LORENZ VERPANA CAPTAIN.....*		8	4	1-41	18	1.8	14,328	3.69	528	12	45	-243	+.03	-5	-10
11-06-63 1250772 5327581 5-71					13		14,979	3.64	545						
1453576 8URKE INKA CARNATION.....		1	16	1-35	16	1.5	16,104	3.72	599	8	23	+649	-.02	+21	+34
11-28-63 12DD082 4965113 5-71					15		13,140	3.86	507						
1453591 LIME HOLLOW IVANHOE IOEAL.....*		3	12	1-21	17	1.5	18,689	3.63	678	12	27	+569	-.04	+14	+26
12-26-63 118987D 5127470 5-71					16		16,884	3.80	641						
1453592 LIME HOLLOW 8URKGOV SUPERMAN..	35-75	22	1	11-21,35,	25	1.8	15,343	3.53	541	5	60	-35	-.08	-12	-11
12-29-63 1D38509 4937337 1-71				42,55,82	27		15,564	3.66	569						
1453597 DESHONS TIDY OUNLOGGIN GOLO...*		1	11	1-13	11	1.4	14,363	3.70	531	**	2D	-37	-.D1	-3	-3
12-28-62 1258457 4617774 5-71					20		14,623	3.82	558						
14536D9 SPRINGSIDE DOU8LE GREAT.....		1	13	1-87	13	1.0	12,173	3.57	435	18	19	-202	+.D3	-3	-8
12-02-63 1353622 5265379 1-71					3		13,164	3.43	451						
1453632 VISTA GRANDE HAVEN REX.....		2	15	1-23	21	1.8	13,717	3.94	540	10	3D	-282	+.D3	-6	-12
1D-03-63 1079658 4500731 5-71					10		14,731	3.86	568						
1453633 VISTA GRANDE CORONET HAVEN....*		6	8	3-23,51,	25	1.6	13,352	3.73	498	24	42	-706	-.D1	-27	-41
11-13-63 1215448 5D23240 1-71				52	17		15,151	3.78	572						
1453646 PICKITT ACRES WALLIE MAN.....*		1	10	1-34	10	1.2	11,39D	3.64	415	11	19	-225	+.01	-7	-12
D7-D8-63 1411385 4382324 5-71					19		12,454	3.65	454						
1453664 KNOLLTOP PONTIAC MAYNARD.....		1	28	1-34	28	1.8	15,283	3.94	6D2	25	26	+1DD	.DD	+4	+6
12-3D-63 1397752 4899045 5-71					4		14,998	3.97	596						
1453671 PARKCHESTER POSCH IVANHOE-TWIN*		2	16	1-52	18	1.5	16,257	3.64	592	6	25	+185	+.02	+9	+12
11-16-63 1189870 4491D31 5-71					48		15,677	3.58	562						
1453716 PEACEFUL-HILLS COUNT NO8LE....*		3	12	1-23	17	2.1	12,581	3.65	459	6	3D	-178	-.D4	-12	-15
09-D9-63 1D82891 5198477 5-71					21		13,D92	3.85	5D4						
1453725 PINEHURST ADMIRAL REPEAT.....*		2	24	1-41	26	1.4	17,682	3.57	632	15	25	+315	.DD	+12	+18
08-09-63 1286826 3759073 5-71					26		16,690	3.54	591						
1453726 PINEHURST ADMIRAL ESQUIRE.....*		3	9	1-35	12	1.3	15,279	3.34	511	D	24	+344	-.05	+5	+13
11-02-63 1286826 577D848 5-71					23		13,799	3.53	487						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1453727 LOCKS-VALLEY IVANHOE JOE.....*		1	18	1-23	18	1.3	13,321	3.80	506	19	22	+1	+.01	+1	+1
10-25-63 1189870 4110628 5-71					54		13,249	3.77	500						
1453731 GRAY VIEW X CORONA.....*		9	1	4-33,35,	11	1.9	13,517	3.97	537	0	40	-372	+.13	+4	-6
12-29-63 1378594 5306948 5-71				42,64	14		14,499	3.66	531						
1453732 GRAY VIEW X HOST.....*		6	4	1-42	16	1.1	14,765	3.73	550	22	36	-56	+.06	+7	+4
01-14-64 1378594 4680785 5-71					16		15,031	3.56	535						
1453759 8UDERWIN JOE BEETS WORTHY.....*		2	6	1-11	11	2.2	13,414	3.59	482	36	30	-40	-.03	-6	-6
09-04-62 1365418 5203565 5-71					21		13,510	3.74	505						
1453775 JIMBOOAV MUTUAL WIS NO 1-TWIN.		4	7	1-34	17	1.0	16,903	3.58	605	11	31	+241	+.04	+14	+18
12-25-63 1087974 5243171 5-71					13		16,379	3.47	568						
1453785 JAOE MICHAEL R A ORMSBY.....*		1	23	1-33	23	1.9	13,971	3.77	527	19	25	-271	+.01	-9	-15
07-23-63 1182696 3473582 5-71					20		15,165	3.77	572						
1453786 JERGENS ROYAL SKY ROCKET.....*		2	29	2-41,47	31	1.7	15,412	3.47	535	10	27	+155	-.04	0	+4
09-16-63 1305460 5554560 5-71					18		14,929	3.60	537						
1453820 POSCH HARTOG IVANHOE.....		2	13	1-23	18	1.3	12,767	3.55	453	**	26	-296	-.02	-13	-18
08-17-63 1189870 4412776 5-71					14		13,894	3.65	507						
1453822 FENNER ORMSBY FOBES.....*		2	12	1-21	18	2.6	15,530	3.70	574	6	33	+25	+.02	+3	+3
11-23-62 1085978 4645785 5-71					59		15,620	3.65	570						
1453824 AJRF LANAS ROYAL MASTER.....*		4	19	2-84,93	46	1.2	15,802	3.53	558	30	41	+165	-.04	0	+4
09-22-63 1305460 3832324 5-71					80		15,556	3.65	568						
1453835 SAWYER SIGNAL DUKE 8ERT.....*		2	13	1-21	18	1.2	13,082	3.54	463	7	26	-122	.00	-5	-7
10-23-63 1389778 4606157 5-71					16		13,519	3.58	484						
1453914 EVE 8UTTERKING ROMEO.....*		1	10	1-64	10	1.3	9,703	3.37	327	14	19	-435	+.01	-14	-23
08-29-63 1382485 5282626 5-71					3		11,766	3.37	396						
1453920 ER8DALE CREATION MISTER.....*		3	11	3-41,47,	18	1.4	14,238	3.68	524	18	28	+18	-.01	-1	0
09-25-63 1414548 4748625 5-71				48	14		14,199	3.77	535						
1453935 ERNITA PONTIAC AAGGIE.....*		1	11	1-21	11	2.1	14,499	3.51	509	20	22	-182	+.03	-2	-6
10-30-62 1397752 5148048 1-71					25		15,469	3.39	525						
1453947 WOODHOME ROYAL MASTER.....*		1	21	1-31	21	1.2	10,467	3.64	381	13	22	-315	+.02	-8	-15
10-29-63 1380945 4272711 5-71					13		11,676	3.54	413						
1453980 LYNKHOLM S P BETA POSCH.....*		1	11	1-21	11	2.3	17,315	3.72	644	9	23	+21	+.02	+3	+3
11-10-63 1154946 3833068 5-71					23		17,590	3.66	644						
1453989 VA-NORTH-FORK HAYSSEN.....*		2	8	1-52	10	2.0	13,576	3.77	512	25	24	-135	+.01	-3	-6
09-25-63 1250992 5521108 5-71					53		14,177	3.75	532						
1453994 SKOKIE SATELLITE.....*	33-03	294	3	29-21,23,	456	1.4	13,301	3.74	497	23	95	-1,374	+.12	-34	-64
07-13-63 1249795 3557698 1-71				35,41,93	25		14,831	3.62	537						
1454005 MARDIC GOVERNOR.....		1	16	1-34	16	1.3	13,388	3.75	502	38	22	-212	-.02	-11	-15
09-12-63 1355857 5083017 5-71					23		14,427	3.90	562						
1454006 LAVACRES SOVEREIGN BURKE SHANE*		4	33	1-34	39	1.7	13,771	3.60	496	18	29	-569	-.03	-25	-36
04-14-63 1382958 4186642 5-71					10		15,944	3.73	594						
1454021 JAWAY CHIEF PIETY OSCAR.....*		5	5	2-16,21	15	1.5	16,218	3.44	558	17	35	-41	-.03	-5	-5
10-30-63 1397517 5178958 5-71					36		16,604	3.52	584						
1454033 ROJAN PIONEER YEOMAN.....*	35-03	4	6	1-35	11	1.7	14,776	3.99	589	22	28	-414	+.11	0	-11
04-22-63 1292880 4429330 5-71					15		16,533	3.64	601						
1454049 RICHMAN SHAMROCK PRINCE.....*		9	2	1-31	14	1.6	14,895	3.47	517	9	42	+313	-.06	+3	+11
07-31-63 1417522 5244443 5-71					19		14,180	3.61	512						
1454052 ROJAN CAPTAIN OUKE.....		1	10	1-35	10	2.0	15,574	3.55	553	0	22	+115	-.02	+1	+4
10-26-63 1288610 5616501 5-71					17		15,165	3.65	554						
1454077 AL IMPERIAL PIDON.....*		1	14	1-42	14	1.7	12,892	3.98	513	7	23	+9	+.03	+5	+4
12-20-63 1198696 5050624 5-71					27		12,731	3.86	492						
1454085 PAUL-LYN 8INGO DUKE-TWIN.....		2	7	1-48	14	1.4	14,948	3.37	504	7	29	+171	+.01	+7	+10
11-28-63 1282720 3190111 1-71					25		14,412	3.30	476						
1454109 D D & J TY VIC PABST.....		1	11	1-42	11	1.6	12,799	4.01	513	0	20	+13	+.03	+4	+4
07-18-62 1205850 4660513 5-71					17		12,602	3.90	491						
1454117 8RAINTRIM DELL TRIUNE.....*		3	6	1-23	13	1.9	14,103	4.04	570	8	32	-502	+.10	-5	-17
11-24-63 1261743 3240438 5-71					11		15,851	3.77	597						
1454118 LOCKWAY RICH IVANHOE-TWIN.....*		18	5	5-23,35,	41	1.3	13,599	3.76	511	16	58	-436	+.01	-15	-24
06-02-63 1189870 4482901 5-71				51,54,55	54		14,396	3.76	542						
1454120 SOODALE AAGGIE HI HOPE.....		2	49	2-34,46	51	1.5	13,411	3.62	485	14	27	-43	+.03	+2	+1
06-07-63 1250992 3974214 5-71					4		13,536	3.52	476						
1454130 HOLA MASTER FOND HOPE BOOSTER.		1	31	1-73	31	1.4	12,239	3.55	435	40	24	-756	+.12	-12	-30
02-02-62 1216567 4596226 5-71					5		15,538	3.13	487						
1454131 MARCOVE KIRBY.....*		4	8	2-23,31	14	1.6	14,829	3.76	557	0	30	+190	+.01	+8	+12
12-10-63 1150470 4083903 5-71					16		14,222	3.75	534						
1454132 KOECREST PIONEER TARZAN.....		1	15	1-47	15	1.4	13,538	3.53	478	7	22	+309	-.04	+6	+13
07-01-63 1292880 3558904 5-71					8		11,912	3.73	444						
1454161 LOCHLAWN R A DYNAMO.....*		2	15	1-41	20	1.6	14,749	3.72	549	5	28	-50	+.02	+1	0
09-18-63 1402113 4749110 5-71					12		15,043	3.65	549						
1454163 LOCHLAWN R A QUE8EC.....*		1	17	1-41	17	1.6	13,571	3.63	493	12	23	-313	+.05	-4	-11
10-20-63 1402113 5215949 5-71					9		15,059	3.44	518						
1454164 LOCHLAWN R A DYNAMIC SIGNET...		2	12	1-41	14	1.1	15,332	3.04	466	7	22	-23	-.07	-10	-9
11-08-63 1402113 4650836 1-71					17		15,609	3.32	518						
1454165 LOCHLAWN R A EMPEROR.....*		3	26	1-47	32	1.5	14,301	3.77	539	6	28	-376	+.02	-11	-19
12-08-63 1402113 4649706 1-71					24		15,852	3.74	593						
1454191 KOM BOSS CHAMPION.....*		1	13	1-34	13	1.2	14,513	3.78	549	13	20	+336	-.02	+9	+16
05-26-63 1397752 3654911 1-71					16		12,689	3.98	505						
1454210 HENRY H SAUL SPIRIT EMPEROR...		1	10	1-51	10	1.7	14,348	3.78	542	10	21	+68	+.05	+9	+9
04-15-63 1392774 4681970 1-71					22		14,029	3.56	499						
1454218 LINO8ORG PREMIER HEIDI.....		1	20	1-41	20	1.4	14,667	3.52	517	**	23	-254	+.03	-5	-11
07-17-63 1388747 5623967 5-71					1		15,987	3.42	547						
1454220 LINO8ORG PREMIER CAPTAIN-TWIN.		1	16	1-41	16	1.3	14,783	3.56	526	6	21	-95	+.04	+2	-1
12-06-63 1388747 4404873 5-71					15		15,378	3.37	519						
1454255 STRICKLAND ROBURKE RUSTY.....		1	18	1-35	18	1.4	12,984	3.63	471	22	22	-83	.00	-3	-5
10-04-63 1324959 4774300 5-71					14		13,296	3.67	488						

REGISTRATION NUMBER / NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1454262 JOE PIPER SKOKIE GOVERNOR....*		3	8	2-61,63	11	1.0	15,525	3.59	558		50	22	-194	+.01	-6	-10
11-14-63 1302331 3529809 9-70					16		16,692	3.60	601							
1454276 CASS RIDGE SECURITY.....*		2	8	2-23,45	10	1.8	16,336	3.41	557		11	23	+54	-.04	-4	-2
07-12-63 1404825 3663896 5-71					10		16,341	3.58	585							
1454284 ASTRA DE KOL DALE DANDY.....*		5	5	1-13	19	1.9	16,752	3.43	575		0	42	+508	-.11	+2	+15
02-25-63 1038509 3449211 5-71					14		15,731	3.68	579							
1454302 BOYS TOWN MONTVIC EMPEROR.....*		2	16	1-47	25	1.8	14,459	3.64	527		16	33	+5	+.01	+1	+1
12-20-62 1230640 4426292 5-71					34		14,501	3.63	527							
1454362 RAG APPLE HUTCH DUKE.....*		1	10	1-34	10	1.1	14,604	3.48	508		60	18	+180	-.01	+5	+9
07-04-62 010237136 5589816 5-71					20		13,581	3.52	478							
1454366 FIDE SY SUNLINER.....*		2	8	1-21	10	1.7	15,658	3.48	545		25	23	-96	+.02	-1	-3
08-06-63 1414835 5030183 5-71					14		16,325	3.42	558							
1454390 WOODYVALE GEM PRINCE.....*		2	10	1-34	13	1.7	14,890	3.73	555		15	26	-147	+.02	-2	-5
05-30-62 1366074 4735568 5-71					21		15,636	3.67	574							
1454400 COLAND CREATION ANDY.....*		5	18	1-21	27	1.4	14,937	3.46	517		31	30	+60	-.02	0	+2
11-17-63 1280015 4550120 5-71					12		14,827	3.51	520							
1454407 BUSY ACRES ROBURKE SEARS.....	35-75	33	1	14-23,35,	39	1.8	16,022	3.51	563		16	70	+794	-.09	+15	+33
10-17-63 1085978 4714170 5-71				41,91,93	38		14,987	3.64	545							
1454428 DEE ANN SILVER TIMMY-TWIN.....*		1	17	1-86	17	1.7	16,816	3.38	568		18	24	-63	.00	-2	-3
07-07-63 1342896 4901715 5-71					24		17,432	3.38	590							
1454429 DEE ANN SILVER TIMOTHY-TWIN...*		7	3	5-34,35,	14	1.5	11,704	3.81	446		23	39	-972	+.15	-16	-39
07-07-63 1342896 4901715 5-71				43,73,86	27		14,256	3.44	490							
1454431 DEE ANN SILVER MAPLE.....*		8	22	1-41	34	1.6	14,643	3.82	560		9	33	+127	+.01	+6	+8
09-26-63 1342896 5636812 5-71					11		14,292	3.81	545							
1454432 DEE ANN CHALLENGER.....		3	16	2-84,93	26	1.5	16,015	3.93	630		32	31	-89	+.12	+13	+8
07-01-63 1230610 4679649 5-71					116		16,564	3.60	597							
1454456 DRY HILL DOUBLE SPAN.....	21-10	39	1	2-13,21	40	1.8	15,246	3.63	553		19	71	-250	+.06	-1	-7
11-28-63 1239886 4593226 5-71					22		15,782	3.55	561							
1454457 CRACKYS HOPE ARAB TOPPER.....*		1	21	1-21	21	1.4	13,074	3.55	464		29	23	-160	.00	-6	-9
11-18-63 1243697 4952729 5-71					22		13,761	3.58	493							
1454458 ELLINGDALE MAGIC KING.....		2	12	1-35	17	1.9	14,773	3.72	550		12	29	+19	-.01	-1	0
06-19-63 1412768 4482227 5-71					14		14,792	3.80	562							
1454476 KENLAWN A B C CHAMPION.....*		2	22	1-21	24	1.4	14,493	3.55	514		14	25	-64	.00	-2	-3
03-07-63 1276654 4463012 5-71					19		14,845	3.57	530							
1454485 SALLYDON GYPSIE LEADER.....		1	10	1-41	10	1.7	13,679	3.83	524		17	21	+317	+.04	+17	+22
07-31-63 1406768 5188450 5-71					26		11,962	3.64	436							
1454498 SLEEPY HOLLOW SENSATION CHIEF.*		4	8	1-93	15	1.3	16,757	3.95	662		8	28	-12	+.10	+13	+10
12-10-63 1346373 5153341 5-71					68		17,120	3.67	629							
1454522 MEL-DEL ROBURKE FRANK PRINCE..		1	12	1-23	12	1.2	15,616	3.83	598		**	19	+293	-.02	+8	+14
08-10-63 1445820 5483739 5-71					17		14,105	3.99	563							
1454524 CH-BEL-AIR REROYAL KAPT.....		1	55	1-21	55	1.1	17,403	3.32	577		22	24	+563	-.02	+17	+29
11-01-63 1171797 5268504 5-71					118		15,202	3.35	509							
1454528 ZELDENRUST ROYAL MASTER.....*		7	8	1-32	20	1.8	12,401	3.47	430		11	39	-412	.00	-15	-23
07-05-63 1397752 4371255 5-71					21		13,415	3.50	469							
1454529 ZELDENRUST ROYAL CHIEFTAIN....*		7	3	3-31,32,	12	1.3	12,908	3.42	441		20	34	-130	-.03	-9	-11
07-12-63 1397752 3796459 5-71				34	18		13,224	3.53	467							
1454542 CELU BURKE RAG APPLE BEN.....		1	19	1-43	19	1.8	11,391	3.29	375		0	25	-672	+.06	-16	-31
08-20-63 1360715 5016003 5-71					6		14,112	3.09	436							
1454570 CH-BEL-AIR BURKE LAD.....		1	10	1-21	10	1.7	14,384	3.33	479		10	21	-10	.00	-1	-1
07-27-63 1204108 4230450 5-71					131		14,494	3.35	486							
1454571 CH-BEL-AIR COUNT ROYAL.....		1	33	1-21	33	1.4	16,773	3.36	563		13	25	+486	-.01	+16	+26
07-12-63 1265166 3637707 5-71					132		14,911	3.35	500							
1454572 TIERNEY ARISTOCRAT.....*		2	10	1-52	12	1.8	18,045	3.70	668		0	24	+567	+.02	+23	+34
10-15-63 1124780 4892879 5-71					61		15,921	3.64	580							
1454580 EL PAJARO AUDACIOUS C RAGAPPLE		1	23	1-93	23	1.0	17,578	3.50	615		14	21	+299	+.01	+12	+18
08-17-63 1237747 3290658 5-71					112		16,420	3.43	563							
1454585 POESTENKILL MODEL MARATHON D..*		3	6	3-16,43,	11	1.9	14,804	3.95	585		44	28	-274	+.08	+1	-6
11-26-61 1148993 3885270 5-71				48	11		16,003	3.69	590							
1454597 BURKE MEADOW ADAM.....*		1	14	1-21	14	1.9	16,967	3.35	568		21	23	+88	-.02	+1	+3
08-28-63 1269968 4223511 5-71					30		16,886	3.38	571							
1454647 FULTONWAY ELECTRA.....*	35-75	38	2	11-23,35,	53	1.9	15,492	3.66	567		0	75	+151	.00	+6	+9
07-04-63 1189870 3290633 5-71				42,55,82	32		15,440	3.66	565							
1454657 WHITE PLAINS KINGMAKER.....*		13	2	2-51,56	21	1.5	13,155	3.53	464		25	52	-666	+.01	-23	-36
09-24-63 1398286 3933871 5-71					14		14,501	3.53	512							
1454671 ROCBY IVANHOE DINA CHARM.....*	61-02	6	14	1-52	23	1.9	20,465	3.46	709		5	33	+1,108	-.01	+39	+61
11-27-63 1189870 4481607 5-71					33		17,470	3.43	600							
1454678 HOLTERHOLM REWARD MASTER.....*		1	15	1-51	15	1.3	14,086	3.86	544		0	21	+113	-.01	+3	+5
10-20-63 1269391 4371623 1-71					42		13,506	3.94	532							
1454679 AUDETS DUKE LEADER.....*		4	14	1-13	19	2.2	19,111	3.35	640		5	31	+640	-.10	+8	+23
10-30-63 1288610 4601115 5-71					29		17,355	3.61	626							
1454698 REGAL COMMANDER.....*		1	10	1-34	10	1.8	13,847	3.50	485		20	21	+47	-.01	0	+1
07-01-63 1243697 4232794 5-71					20		13,589	3.58	487							
1454715 MILLERS HYACINTH GLORY IDEAL..*		3	7	1-35	10	1.6	13,031	3.62	472		0	25	-388	-.01	-15	-23
09-18-63 1389317 4919698 5-71					12		14,680	3.67	539							
1454720 FULTONWAY IVANHOE BELSHAZZAR..	35-75	29	2	9-21,35,	40	1.7	16,532	3.65	604		23	69	+611	+.03	+27	+38
12-28-63 1189870 4193836 5-71				41,91,93	37		15,835	3.61	571							
1454722 KIRBYDALE DEAN JANSON KING....	21-10	42	1	3-12,13,	42	1.9	14,364	3.59	515		18	73	-426	+.03	-11	-20
08-17-63 1215995 3862890 5-71				21	24		15,064	3.55	535							
1454728 JIM-RAY ADMIRAL DON.....		2	15	1-73	17	1.6	11,215	3.25	365		20	25	-258	+.01	-8	-13
01-17-63 1214152 3231718 5-71					30		12,072	3.23	390							
1454733 ELMIL CHAMBRIC MARATHON.....*		5	7	2-31,56	25	1.6	12,383	3.76	466		18	44	-514	+.04	-13	-24
05-22-63 1378594 4122017 5-71					31		13,511	3.69	498							
1454767 WRIGHTHILL REFLECTION ANGIE...*		4	16	1-21	26	1.9	15,109	3.81	576		20	34	+256	+.07	+19	+22
09-28-63 1296576 5009962 5-71					28		14,399	3.62	521							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1454775 WILBURHOLM ORMSBY DEAN.....*		3	10	1-21	23	1.5	13,879	3.52	488	12	36		-94	+.02	-1	-3
07-03-63 1379479 2918300 5-71					42		14,163	3.49	494							
1454778 BESSIE B F SKYWAY BILL.....*	33-03	4	5	2-33,35	12	1.4	14,012	3.57	500	29	30		-147	-.01	-6	-9
03-23-63 1396885 3906683 5-71					19		14,568	3.60	524							
1454785 HARTZ WIS BURKE IDEAL.....*		2	7	1-43	10	1.6	14,522	3.35	487	0	24		+458	-.05	+9	+19
07-14-62 1013415 5176562 9-70					10		12,455	3.57	445							
1454788 VARNUMS PRIDE ADMIRAL.....		1	23	1-11	23	1.2	16,452	3.68	606	0	22		+269	+.02	+12	+17
02-12-63 1237057 3897159 1-71					167		15,392	3.63	558							
1454800 UNH PRESIDENT KING.....*	33-03	26	11	8-11,12,	88	1.4	17,553	3.74	656	18	67		+618	+.03	+27	+38
11-08-63 1071565 5170396 5-71				14,16,21	30		16,921	3.71	628							
1454827 CHARTON GLAMOUR BONNIE LAD....*		1	27	1-31	27	1.3	12,405	3.34	414	4	24		-240	+.01	-7	-12
12-28-63 1282185 5221495 5-71					16		13,364	3.30	441							
1454829 ADLER TRIUNE MERCURY.....*		2	10	1-84	15	1.1	15,420	3.46	533	**	25		+271	-.04	+4	+10
07-15-63 1355182 4379188 5-71					8		14,356	3.62	519							
1454836 STRICKST STAR IVANHOE.....*	23-13	120	3	7-23,50,	206	1.3	13,861	3.99	553	11	90		-509	+.26	+17	+1
09-18-63 1189870 4683707 1-71				51,52,54	26		14,481	3.72	538							
1454842 POSCH ZELDENRUST PONTIAC.....		1	21	1-33	21	1.8	15,388	3.67	565	30	25		-152	.00	-6	-9
09-15-63 1311154 5326049 5-71					13		16,232	3.71	603							
1454847 STONEY LEA PRINCE KARL.....*		1	15	1-51	15	1.3	13,477	3.81	514	20	21		+38	+.02	+4	+4
09-29-63 1269391 4885814 1-71					18		13,229	3.72	492							
1454849 AMES-WAY ADMIRAL.....		2	8	1-35	14	2.1	12,611	3.62	457	0	31		-316	-.03	-16	-21
07-19-63 1237057 4064387 5-71					9		13,594	3.76	511							
1454855 MAPLECREST IDEAL PONTIAC.....*		2	8	2-34,61	14	1.4	14,610	3.21	469	7	29		+236	-.08	-3	+4
11-16-63 1397752 4762211 1-71					24		13,775	3.48	480							
1454890 HY-NIC-HOL PERSEUS COLANTHA...*		3	8	3-33,35,	14	1.4	12,513	3.74	468	15	28		-332	+.01	-11	-18
06-16-63 260599 4962586 5-71				58	31		13,669	3.75	512							
1454914 MINNAWANA WALLIE LONGFIELD 20.		1	15	1-41	15	2.3	12,052	3.68	444	7	25		-38	.00	-1	-2
12-04-62 1377508 4646652 5-71					11		12,018	3.73	448							
1454921 SPRUCEGATE TRIUNE SENATOR-TWIN*		3	22	1-21	26	1.5	16,882	3.58	605	4	27		+387	-.05	+7	+16
12-08-63 1408583 2992503 5-71					30		15,599	3.76	586							
1454932 DIBBLE CRUSADER PRINCE.....*		9	4	3-33,42,	17	1.8	14,784	3.58	530	13	41		+141	-.02	+2	+5
04-09-63 1402755 4821427 5-71				47	17		14,495	3.64	528							
1454933 CHAR-LENE FARM PIONEER TYCOON.*		2	8	1-51	15	1.1	12,265	4.04	495	11	28		-182	+.05	0	-5
10-19-63 1292880 5172080 1-71					19		12,813	3.88	497							
1454941 COLO S U WINOY.....*	61-02	103	2	8-31,33,	142	1.2	15,367	3.47	533	13	87		+525	-.15	-3	+11
01-21-64 1113350 4362317 5-71				61,74,84	30		14,852	3.64	541							
1454957 HOOSIER SOVEREIGN TRAILMASTER.*		1	11	1-32	11	1.6	13,304	3.77	502	36	21		-348	+.03	-9	-17
10-26-63 1362410 5105105 5-71					25		15,095	3.68	555							
1454958 HOOSIER SOVEREIGN MASTER.....*		2	8	1-32	10	1.6	14,145	3.94	557	22	23		-43	+.03	+3	+1
11-01-63 1362410 4219889 5-71					17		14,385	3.80	547							
1454962 HOOSIER MAGIC CROSS.....	63-01	52	6	1-63	180	1.5	12,724	3.65	464	13	86		-970	+.08	-25	-46
07-31-63 1378594 4752085 5-71					17		13,849	3.56	493							
1454974 LONESOME DUKE IDEAL.....*		3	9	1-31	15	2.1	14,509	3.48	505	7	32		-251	+.02	-6	-11
08-31-63 1288610 4901896 5-71					15		15,454	3.44	531							
1455053 JER-MAR SNOW BALL.....*		5	12	3-41,47,	23	1.5	13,481	3.98	537	32	34		-359	+.08	-2	-11
08-18-63 1242338 4871515 5-71				48	6		14,612	3.78	552							
1455088 OARMONT CRUSADER DUSTY PIEBE..*		5	8	3-35,61,	20	1.8	16,286	3.61	588	13	38		+443	+.01	+18	+26
08-20-63 1413159 4597147 5-71				74	12		15,264	3.58	546							
1455111 LO-LEE MARK LUCINDA IVANHOE...	35-75	24	2	11-21,31,	31	2.0	15,151	3.70	561	7	65		-131	+.06	+3	-1
11-27-63 1189870 3819523 5-71				34,41,55	42		15,510	3.62	562							
1455112 LO-LEE KING COLANTHA IVANHOE..	35-75	24	1	10-23,35,	29	1.9	15,776	3.76	593	16	63		+481	+.08	+29	+37
12-25-63 1189870 4563873 5-71				55,91,93	81		15,134	3.65	552							
1455140 ORMSBY GLENAFTON SEGIS.....*		1	10	1-41	10	1.6	15,439	3.78	583	0	21		+59	+.01	+3	+4
08-22-63 1258673 4987698 5-71					23		15,287	3.78	578							
1455161 SIR BESS ROBURKE OE KOL.....		3	6	1-42	13	2.4	14,765	3.70	547	8	34		+255	+.01	+11	+16
01-10-62 1316508 3225762 5-71					11		14,029	3.67	515							
1455174 EOOYOALE ELMER.....	21-10	40	1	2-13,21	44	2.2	14,819	3.71	550	14	74		-424	+.14	+3	-9
03-18-63 1215995 4212719 5-71					22		15,555	3.54	550							
1455222 PIEBE PABST BONHEUR.....*		4	8	2-41,55	15	1.4	15,483	3.61	559	0	29		+578	-.01	+19	+31
11-03-63 1213880 4523224 5-71					6		13,416	3.67	493							
1455241 CHASEHOLME KING SOLOMON.....*		4	14	1-21	21	1.7	14,306	3.93	562	11	31		-531	+.09	-7	-20
08-23-63 1389585 5069081 5-71					14		16,278	3.68	599							
1455253 SWAMPY HOLLOW SENSATION STAR..*		2	9	1-51	17	1.5	14,206	3.91	556	0	32		+38	+.03	+6	+6
11-15-63 1342656 3515875 5-71					15		14,103	3.83	540							
1455257 ADOHR GOLDEN BEAUTIBOY.....*	34-01	56	2	4-23,32,	75	1.7	14,144	3.54	500	18	81		-6	-.08	-11	-9
08-31-63 1215448 3626309 5-71				34,51	23		14,176	3.64	516							
1455268 MEMORIAL-ACRES T BABS GINGER..*		1	32	1-87	32	2.9	14,949	3.73	557	3	30		+78	+.06	+11	+11
10-04-62 1258673 4754224 5-71					21		14,768	3.52	520							
1455269 MEMORIAL-ACRES SYMBOL BEAUTY..		1	10	1-87	10	1.3	13,692	3.45	473	13	19		-244	-.03	-13	-17
06-19-63 1244844 5131937 1-71					30		15,087	3.64	549							
1455276 GALLANT SYMBOL BLENO.....		9	7	2-48,84	28	1.2	15,431	3.53	545	15	44		+189	+.02	+10	+13
10-21-62 1283538 5091627 5-71					16		15,116	3.47	524							
1455355 ADOHR NOEL ARTMAN.....*		1	12	1-93	12	1.0	14,673	3.41	501	8	19		-16	-.02	-3	-3
07-25-63 1398806 3974373 5-71					346		14,853	3.52	523							
1455357 PATCHES REFLECTION ELMER.....*		2	18	1-47	36	1.5	13,860	3.28	455	31	37		-467	+.01	-16	-25
01-26-63 1347065 4599735 5-71					16		15,263	3.28	500							
1455358 MACS HAPPY ACRES IVAN SARG....*		7	3	2-12,13	15	1.1	13,340	3.60	480	13	38		+102	.00	+3	+5
07-22-63 1189870 4881359 5-71					26		12,975	3.62	470							
1455364 LIMA FLORINE BOY POSCH.....*		4	8	1-31	14	1.6	13,213	3.68	486	8	30		-337	+.01	-11	-18
09-07-63 1399758 3134481 5-71					31		14,394	3.68	530							
1455365 LIMA CREAM GEORGE POSCH.....*		1	11	1-31	11	1.0	15,657	3.18	498	9	18		+348	-.03	+8	+16
10-05-63 1399758 3392120 5-71					28		13,720	3.27	448							
1455378 WASIOJA BURKE JULE.....*		2	11	1-41	16	1.9	15,636	3.43	537	13	29		+164	-.08	-6	-1
10-04-63 1372052 4921437 5-71					13		15,197	3.73	567							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1455386 RUANN A 8 C GALLANT.....*		4	13	1-93	42	1.4	18,272	3.42	624		21	46	+496	-.08	+7	+19
07-30-63 010260599 4895685 5-71					78		17,547	3.54	621							
1455387 RUANN A 8 C LARIAT.....		2	10	1-93	12	2.5	19,911	3.53	702		0	27	+692	-.01	+23	+37
08-02-63 010260599 5128875 5-71					91		17,683	3.56	629							
1455399 JO HIGHCROFT RUBE.....*		9	3	3-41,46,	18	1.6	13,468	3.52	474		8	45	-111	-.04	-10	-11
07-06-60 1416711 6036262 5-71				47	25		13,693	3.63	497							
1455405 HARSON CRUSADER.....		1	12	1-35	12	1.6	9,886	3.69	365		29	21	-398	+.01	-13	-21
10-25-62 1014925 5030766 5-71					10		11,547	3.65	422							
1455406 YURSDEN SUSAN DUKE MARK.....*		2	18	2-35,85	20	1.4	14,392	3.66	527		11	24	+24	-.01	-1	0
11-14-63 1293580 4346068 5-71					16		14,333	3.75	537							
1455417 GEM DYNAMO GEORGE.....		1	28	1-47	28	1.7	13,969	3.77	526		11	25	+168	+.04	+12	+14
08-22-63 1221226 4846391 5-71					17		13,233	3.58	474							
1455429 8ILLIT TEXAL SUPREME.....*		12	2	4-13,14,	16	1.3	11,913	3.60	429		13	44	-1,235	-.03	-48	-72
03-03-63 010264804 4416525 5-71				23,31	27		14,837	3.67	545							
1455438 8LITHE 8IT SKYLINER CLYDE.....*		2	11	1-33	16	1.6	11,593	3.75	435		50	27	-158	+.02	-3	-7
04-04-63 1244845 5331366 5-71					13		11,995	3.72	446							
1455456 STARMONT RAG APPLE AAGGIE.....*		1	12	1-21	12	1.4	15,344	3.42	524		0	21	+178	-.05	0	+5
12-13-63 1291028 5157465 1-71					20		14,538	3.65	531							
1455491 HI HOPE RANCH MARSHALL PASEN..*		1	11	1-93	11	1.7	13,176	3.62	477		11	21	+28	+.02	+4	+4
11-04-63 1332483 5428419 5-71					30		12,945	3.48	451							
1455518 ROCK RIVER VIKING.....		1	23	1-33	23	1.4	14,234	3.81	543		10	23	+461	.00	+17	+26
01-03-64 1355376 5110332 5-71					13		12,059	3.88	468							
1455531 MACCLEERYS CHARIOTEER JR.....*		3	8	2-12,13	11	1.5	14,152	3.55	502		13	24	-237	+.03	-5	-10
01-18-63 1254887 4277169 5-71					26		15,258	3.47	529							
1455546 DIXONIC LIMELITE.....	93-03	2	8	1-93	13	1.5	17,783	3.86	686		0	27	+119	+.09	+17	+17
09-10-63 1324830 3755377 1-71					195		17,710	3.57	633							
1455576 AL8ERTVILLE 8ARON MODEL.....		1	17	1-35	17	2.1	15,828	3.66	580		17	25	+87	-.04	-2	+1
03-03-62 1385929 4234902 5-71					15		15,646	3.85	602							
1455582 COOMER ROYAL TREASURE.....*		1	28	1-32	28	1.6	13,977	3.44	481		7	25	+256	-.04	+4	+10
11-06-63 1397752 5163432 5-71					12		12,847	3.60	462							
1455632 ANCHORCREST SUPREME ADMIRAL...*		1	15	1-21	15	2.0	15,586	3.39	528		15	24	+227	-.04	+2	+8
08-25-63 1237057 4364928 5-71					7		14,720	3.54	521							
1455661 WAUKONA WALLIE ESTEEM.....*		1	15	1-91	15	2.4	16,412	3.54	581		7	25	+319	-.02	+8	+15
05-01-62 1109632 4185166 5-71					52		15,255	3.63	553							
1455668 DAYTONIA MONTDALIAN APEXOMAR..*		1	11	1-23	11	1.3	17,289	3.44	595		9	20	+530	-.04	+14	+25
11-08-63 1230486 5025811 9-70					21		14,638	3.61	528							
1455673 TEXAL SUPREME CONSUL.....*		6	8	1-21	16	1.1	13,340	4.09	545		25	29	-150	+.16	+16	+9
04-21-63 010264804 011321565 9-70					39		13,847	3.54	490							
1455679 HANSEN SA8Y.....*		2	13	1-21	18	1.3	13,862	3.56	494		41	27	+47	+.01	+3	+4
12-10-63 1411937 4957679 1-71					73		13,656	3.51	479							
1455680 PAULHOLM ORMS8Y TOPLAD.....		2	17	1-91	34	1.4	15,993	3.61	577		**	36	+132	+.04	+10	+12
01-02-62 010230488 011431283 5-71					41		15,818	3.51	555							
1455690 TRADEMARK DARLA DANDY.....	41-01	28	4	2-41,45	44	1.7	13,494	3.53	477		11	64	-254	-.04	-15	-19
10-18-63 1247009 4784636 5-71					31		13,885	3.61	501							
1455742 DUCHESS SKYLIGHTER REX.....*		1	23	1-32	23	2.0	17,335	3.82	662		0	26	+377	+.04	+20	+26
08-10-63 1359770 4146307 5-71					18		16,118	3.69	595							
1455772 CLEM-EL FARM ILEX REGAL DOUG..		1	33	1-21	33	2.0	14,610	3.52	514		9	27	-239	-.01	-10	-15
12-01-62 1213164 4057233 5-71					2		15,684	3.56	559							
1455801 DONKEN CAPTAIN SUPREME.....*		7	4	2-42,47	13	1.9	14,721	3.46	510		45	35	+298	-.05	+4	+11
01-18-62 1144239 4174839 5-71					5		13,870	3.60	499							
1455894 FLYNN FIELD OLIVER H DESIGN...*		2	13	1-47	15	2.1	15,082	3.75	565		13	26	+100	+.01	+5	+7
06-17-63 1262987 3846540 5-71					45		14,781	3.73	552							
1455901 MARLOW RETLAW 8URKE FLO.....*		1	21	1-41	21	1.6	14,913	3.61	538		16	24	+80	.00	+3	+5
09-20-63 1415744 4574330 5-71					9		14,646	3.60	527							
1455941 GERART TRIUMPH PILOT.....		1	14	1-42	14	1.7	14,078	3.50	493		15	22	-358	+.01	-12	-19
07-29-62 1379950 3422638 5-71					9		15,872	3.52	558							
1455965 MD-MAPLE-LAWN RAG APPLE.....	33-03	140	3	29-21,23,	224	1.2	14,320	3.58	512		12	90	+107	-.05	-3	0
01-27-64 1329588 4174280 5-71				33,35,41	20		14,230	3.64	518							
1455966 STARLAND SPAN 8LACK ROCK.....	35-75	35	1	10-21,33,	41	1.9	14,561	3.62	527		24	72	-288	+.03	-6	-12
09-11-63 1239886 4686417 5-71				35,41,93	42		15,078	3.59	541							
1455984 DIAMOND HILL SEQUOIA OIGOWS P.*		3	27	3-22,50,	31	1.9	14,647	3.64	533		13	29	+235	-.02	+5	+10
08-04-63 1289173 4487969 5-71				51	20		13,809	3.73	515							
1456000 REGAL MAPLE.....*		2	21	1-35	23	2.0	16,988	3.62	615		13	27	+98	-.03	0	+3
12-03-63 1420413 5541133 5-71					13		16,927	3.72	630							
1456007 HEMONDS CHIEF PANCHO.....		2	14	1-11	16	1.5	14,106	3.62	511		0	24	+42	-.01	0	+1
10-26-63 1397517 3583600 5-71					15		13,930	3.68	513							
1456019 LUDWIG LEADER LORNE.....	35-21	39	1	3-41,42,	47	1.6	13,965	3.76	525		12	73	-239	+.04	-3	-9
12-01-63 1242338 4939161 5-71				47	16		14,335	3.72	533							
1456020 LUDWIG HI HOPE GOVERNOR.....*		4	6	2-46,47	11	1.5	12,404	3.91	485		18	26	-561	+.05	-13	-25
09-21-63 1250992 4756462 5-71					8		14,599	3.71	542							
1456021 HARV-ELLA ROYAL JESS.....*		12	2	2-41,42	16	1.3	12,989	3.53	459		40	45	-143	-.01	-6	-9
11-26-63 1420138 4450682 5-71					10		13,241	3.56	471							
1456037 PALM SKY CELE8RITY.....*		3	9	1-34	17	2.4	14,888	3.41	508		13	35	-197	-.01	-9	-13
06-18-62 1370471 4849455 5-71					23		15,619	3.45	539							
1456074 W V U LAD CHAMPION.....		3	7	1-54	20	1.4	14,367	3.50	503		12	37	+410	-.10	0	+11
12-08-63 1122127 5115661 1-71					54		13,183	3.81	502							
1456119 FESSLER ATOM SYM8OL JULIUS....*		1	42	1-43	42	1.5	11,941	3.91	467		46	26	-440	.00	-16	-25
11-18-62 1330361 5319003 5-71					27		13,633	3.94	537							
1456129 HANS SEARSFARM HI HOPE.....*		2	8	1-21	10	2.3	13,300	3.59	477		0	25	-80	-.01	-4	-5
11-02-63 1250992 4816919 5-71					8		13,588	3.64	495							
1456130 ELROC ADMIRAL 8ENEFACTOR.....*		1	10	1-23	10	1.4	15,225	3.65	555		17	20	+18	-.03	-3	-2
07-29-63 1237057 5265757 5-71					22		15,265	3.81	581							
1456133 MATZKE HI HOPE.....*		1	17	1-35	17	1.9	11,682	3.51	410		0	24	-221	.00	-8	-12
09-13-63 1250992 5020811 1-71					11		12,448	3.53	439							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	%	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1456138 WILDMOOR INKA SOVEREIGN.....*		4	7	1-23	17	1.7	13,220	3.56	471	0	35		-138	-.07	-14	-15
12-25-63 1258431 5249003 5-71					19		13,580	3.79	515							
1456148 CORRECTION SENATOR BONNY.....		2	9	1-35	12	1.5	18,460	3.49	645	67	25		+339	-.08	+1	+10
04-21-63 1376402 3562979 5-71					14		17,423	3.76	655							
1456158 SCHUTZHOLM ORLIE VERNON.....		1	11	1-35	11	1.7	14,750	3.81	562	0	21		+144	+.04	+11	+13
09-02-62 1355939 5003946 5-71					6		14,084	3.61	509							
1456201 HUGI BURKE CORA PRINCE.....		1	10	1-35	10	1.7	16,833	3.60	606	0	21		+361	-.05	+6	+14
04-09-63 1383206 3972563 1-71					18		15,214	3.84	584							
1456265 ROCKCREST REFLECTOR LEADER....*		1	14	1-42	14	1.6	14,806	3.63	537	0	22		+77	-.01	+1	+3
11-08-63 1418407 5141014 5-71					8		14,518	3.71	538							
1456283 RICHAROSVALE STELLA SEARS JIM.*		1	22	1-21	22	2.1	15,397	3.43	528	19	26		+139	-.03	+1	+4
03-18-62 1085978 4971086 5-71					13		14,962	3.52	527							
1456290 MAYWICK FONO BURKE.....*		1	17	1-61	17	1.8	13,416	3.70	497	0	24		-25	+.04	+5	+4
09-25-62 1277223 4551784 1-71					27		13,479	3.52	474							
1456310 SPY ROCK VICTOR HI HOPE.....*		2	9	1-16	11	1.6	16,565	3.52	583	10	23		+86	-.01	+2	+4
12-15-63 1250992 4454825 5-71					28		16,435	3.55	583							
1456322 RETLAW IDEAL ACE.....		1	15	1-41	15	1.3	9,924	3.42	339	7	21		-234	-.02	-11	-15
10-20-63 1342677 5439563 5-71					7		10,698	3.57	382							
1456327 METCALFS SOVEREIGN PRINCE.....*	23-11	2	8	1-13	14	1.9	14,814	3.57	529	10	31		+29	-.07	-9	-7
09-12-63 1298831 5304016 5-71					26		14,805	3.83	567							
1456331 KNOX VIEW FOND HOPE ORMSBY....*		7	2	4-11,12,	11	1.6	15,539	3.98	619	20	36		-367	+.05	-6	-15
12-01-63 1243697 4986216 5-71				13,21	21		16,869	3.87	653							
1456348 DAPER OAN ECK.....	35-75	29	1	4-35,55,	35	2.0	15,505	3.51	545	17	68		+246	-.03	+4	+10
03-25-63 1296729 5080525 5-71				91,93	47		15,278	3.55	543							
1456367 MARION GRAND JULES VALE.....*		1	13	1-31	13	1.8	15,398	3.73	575	15	23		-275	+.02	-7	-13
08-13-63 1314488 4354359 5-71					28		16,921	3.68	623							
1456372 HARDEN FARMS AAGGIE CURTISS...*		3	15	1-11	19	1.2	17,356	3.60	624	22	25		+355	+.02	+16	+22
02-01-64 1222989 5061314 5-71					40		16,130	3.50	564							
1456385 HAHN FARMS COMMANDER PRIDE JOE*		2	24	1-32	28	2.0	17,402	3.49	607	8	29		+619	.00	+23	+35
09-14-62 1340669 4858738 5-71					10		15,380	3.45	531							
1456388 BENDING ACRES CRESCENT HI HOPE*		1	12	1-13	12	1.5	13,279	3.16	419	0	21		+68	-.05	-5	-2
03-11-63 1250992 4985071 5-71					18		12,843	3.43	440							
1456390 RUMFORO BURKEVIEW UNION LEADER		1	19	1-13	19	1.4	16,829	3.65	615	5	22		+303	+.01	+12	+18
09-14-63 1184891 5177740 5-71					18		15,645	3.62	567							
1456408 JOHN SKYLINER PIONEER.....		1	15	1-42	15	1.2	13,691	3.48	476	63	21		-35	-.01	-3	-3
06-06-63 1292880 5203777 5-71					11		13,857	3.58	496							
1456413 BREEZAC INKA OEAN OE KOL.....	35-75	23	1	8-23,35,	28	1.7	15,453	3.59	555	12	62		+325	-.03	+8	+15
01-26-64 1038509 3165693 5-71				55,82,93	68		15,037	3.64	547							
1456423 FILCO ROYAL TYCOON.....*		2	8	1-46	10	1.6	12,651	3.30	418	10	23		-229	-.04	-14	-18
01-18-64 1397752 5215000 5-71					6		13,641	3.55	484							
1456456 UARK TIOY BURKE BILL.....*		1	10	1-71	10	1.6	17,245	3.32	572	0	21		+39	-.01	0	+1
12-25-63 1271810 4944611 5-71					30		17,400	3.34	581							
1456492 KNOLLFIELD GINGER OUKE.....		1	16	1-35	16	1.3	14,321	3.77	540	**	21		+79	+.04	+9	+10
11-11-62 1258673 5262679 1-71					11		13,948	3.56	496							
1456536 GLENAFTON R A CAESAR.....	61-02	50	2	5-31,33,	75	1.3	12,586	3.69	465	16	77		-1,305	+.04	-42	-69
03-06-63 1243697 010869974 5-71				61,74,84	22		14,315	3.65	522							
1456540 GLEN VALLEY IVANHOE LAD.....*		3	13	3-23,35,	18	1.4	12,644	3.88	490	22	27		-281	+.04	-4	-11
11-25-63 1189870 4634209 5-71				42	17		13,654	3.72	508							
1456551 HEERSCHE DIAMOND DOUGHBOY.....		1	13	1-48	13	1.5	14,581	3.47	506	0	22		+94	+.01	+5	+7
04-02-63 1240549 4055912 5-71					12		14,165	3.37	478							
1456565 MEI-RUB-BILL LIEGE PAWNEE.....		4	4	1-47	14	1.6	14,860	3.25	483	31	37		+237	-.13	-10	-2
07-11-63 1300012 4532897 5-71					20		14,247	3.61	515							
1456580 HEWFIELDS SENSATION BUBBLES...		1	17	1-34	17	1.8	14,916	3.20	478	12	24		+69	-.02	-1	+1
11-15-62 1267271 5250929 5-71					6		14,702	3.31	486							
1456590 MAN-O-WAR B F ECHO MOSE.....*		1	13	1-41	13	1.9	14,530	4.19	609	20	23		-145	+.06	+3	-1
12-18-63 1404688 4605703 5-71					34		15,305	3.95	604							
1456592 SKYWAY B F MAN-O-WAR IKE.....*		5	11	5-33,34,	19	1.4	14,005	3.58	501	21	31		-35	-.01	-3	-3
11-07-63 1421090 4921059 5-71				42,47,74	69		14,140	3.64	514							
1456596 MOOSEHEART PREEMINENT.....*		1	10	1-33	10	1.5	14,172	3.58	507	0	20		+70	.00	+3	+4
10-16-63 1391229 2995763 5-71					11		13,811	3.57	493							
1456621 NOBROOK OAVE LAO.....*		1	39	1-23	39	2.1	12,158	3.44	418	0	28		+40	-.02	-2	-1
07-18-63 1204108 4333673 1-71					26		11,799	3.58	422							
1456655 HILL-GIRT WIOALE OUKE MARK....*		1	10	1-23	10	1.5	14,756	3.37	497	0	20		+210	-.04	+2	+7
06-16-63 1222994 4215270 5-71					10		13,656	3.56	486							
1456661 MILK & HONEY LILA HOPE.....*	23-09	47	2	3-23,50,	63	1.7	14,395	3.88	558	5	78		-74	+.10	+11	+7
10-09-63 1243697 5132543 5-71				51	23		14,553	3.77	548							
1456663 M V B A FONO HOPE MATILOA HAL.	41-01	56	2	5-41,45,	66	1.6	13,263	3.48	462	27	78		-707	-.08	-36	-48
07-09-63 1243697 4699185 5-71				46,82,87	19		14,196	3.59	510							
1456664 M V B A SKYHAWK CARMEN ACE....	41-01	93	1	7-35,41,	102	1.7	13,663	3.84	525	13	86		-559	+.23	+10	-6
07-18-63 1289574 4505884 5-71				45,46,87	14		14,357	3.58	514							
1456678 CLARSUCO CARNATION BUTTER BOY.		2	34	1-42	36	1.7	12,366	3.66	452	18	27		-152	+.02	-3	-6
09-15-62 1373030 4259085 5-71					14		12,819	3.62	464							
1456687 WINFARM PREMIER.....*		2	10	1-21	12	1.7	14,554	3.72	541	17	24		-89	+.02	0	-2
11-12-63 1281628 5112718 5-71					21		15,041	3.62	544							
1456727 JERGENS JO BURKE.....		1	25	1-41	25	2.0	12,914	3.45	445	13	26		-159	-.07	-15	-17
10-14-63 1416711 4800029 5-71					14		13,482	3.75	506							
1456734 NOR-REOA ELM PRINCE.....		1	20	1-93	20	1.3	15,488	3.72	576	6	22		-42	+.05	+5	+3
01-03-64 1379550 5444293 5-71					50		15,874	3.53	560							
1456754 CLOVERBROOK PRINCE ALBERT.....*		1	20	1-42	20	1.1	12,846	3.80	488	50	21		-80	+.01	-1	-3
01-11-64 1315612 4983301 9-70					23		13,147	3.77	496							
1456764 BRACKEL FARM SIGNET JAY.....*		3	4	2-21,23	10	1.9	12,087	3.98	481	0	30		-396	+.09	-2	-12
12-18-63 1421631 3805994 5-71					17		13,335	3.67	489							
1456776 A8 VEE ADMIRAL.....*		2	14	1-33	23	1.9	13,114	3.55	466	5	33		-121	+.02	-1	-4
08-21-63 1410270 4978862 5-71					11		13,429	3.50	470							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1456787 LAKE PARK SKYLINE LAD.....*		1	10	1-35	10	1.2	14,695	3.59	528	0	19	+151	-.02	+2	+6
01-11-64 1244845 4483443 5-71					58		13,878	3.73	517						
1456792 FOND HOPE HIGH TOPPER.....		1	18	1-23	18	1.7	14,251	3.54	504	6	24	-192	-.02	-10	-13
11-02-63 1243697 3961675 5-71					8		15,189	3.65	554						
1456823 CARNATION IDEAL MERIT.....*		3	4	2-35,63	10	1.5	14,350	3.88	557	13	28	+232	-.01	+7	+12
03-23-64 1175596 5506427 5-71					70		13,483	3.96	534						
1456833 CLADORA DIVIDEND POSCH.....		1	10	1-41	10	2.1	15,844	3.41	541	11	22	-44	-.05	-8	-8
09-12-63 1411110 5203726 5-71					4		16,281	3.64	593						
1456853 NORTHCROFT REFLECTOR HOPE.....*		2	10	1-21	12	1.5	13,433	3.45	463	25	23	-409	-.03	-19	-26
11-16-63 1243697 5071583 5-71					24		15,373	3.63	558						
1456875 LEA INN FOND PERRY RM.....*		10	2	3-32,33,	18	1.6	12,861	3.80	489	20	46	-266	+.08	+2	-5
08-26-63 1415636 5351596 5-71				42	16		13,382	3.60	482						
1456879 MONIEJO HOPE ROCRIY.....*		1	16	1-41	16	1.9	14,847	3.60	534	6	24	-9	+.05	+7	+6
09-16-63 1243697 4406198 5-71					9		14,992	3.36	503						
1456927 WINLINE ROYAL PONTIAC LYNN....*		2	8	1-42	15	1.4	13,151	3.32	437	14	29	-186	-.02	-10	-13
02-20-63 1397752 5226891 5-71					7		13,785	3.42	472						
1456945 FOND HOPE SUPREMACY.....*		6	21	1-23	58	1.5	15,795	3.69	583	8	46	+942	-.02	+31	+50
05-03-63 1243697 5463073 5-71					28		13,715	3.76	516						
1456970 LEO-BUR JUBLENT PRIDE.....*		3	9	1-34	13	1.1	12,872	3.57	459	0	23	-125	+.03	-1	-4
02-02-64 1365401 5494404 5-71					59		13,364	3.48	465						
1456977 SANMARGALE L STAR MARVEL.....*		2	8	2-31,34	10	1.5	14,564	3.64	530	33	22	+56	.00	+2	+3
04-04-63 1332302 3106450 5-71					15		14,348	3.63	521						
1456992 FERTILE MEADOWS PRINCE A8C....		1	16	1-35	16	1.6	14,123	3.52	497	7	22	-134	-.05	-12	-13
11-12-63 1276654 5053816 5-71					1		14,815	3.78	560						
1456994 CARROLLTON POSCH TYCOON.....*		2	16	1-41	20	1.8	14,951	3.61	539	5	27	+330	-.05	+5	+13
10-01-63 1248558 4734006 5-71					17		13,720	3.80	521						
1457013 MELLO-VAR IVANHOE JIM.....*		4	4	3-35,52,	11	1.3	12,092	3.85	466	11	29	-626	+.10	-9	-24
10-05-63 1189870 4593499 5-71				55	14		14,297	3.50	501						
1457014 MELLO-VAR FAITHFUL IKE.....*		3	9	1-23	12	1.3	13,261	3.67	487	8	24	-595	.00	-21	-33
12-28-63 1189870 4852660 5-71					26		15,945	3.68	587						
1457015 MELLO-VAR MAYBEE SMOKY.....*		2	19	1-23	23	1.6	13,341	3.34	446	13	27	-55	-.05	-9	-9
09-06-63 1199324 4852661 5-71					16		13,507	3.57	482						
1457016 MISTER BENEFACTOR.....*		2	8	2-35,42	10	2.5	14,245	3.74	533	20	25	-101	+.03	0	-3
10-26-62 1199324 4742336 5-71					25		14,733	3.63	535						
1457018 WHITREL IDEAL.....*		1	10	1-23	10	1.6	11,779	3.22	379	10	21	-286	-.01	-12	-17
11-08-63 1298430 3876303 5-71					13		13,095	3.34	438						
1457025 SCIH PABST DAGAN.....	35-75	18	1	10-21,23,	21	1.8	15,579	3.59	560	28	55	-65	-.03	-6	-7
11-24-63 1223243 4399042 5-71				41,84,93	53		15,895	3.65	580						
1457029 LUKE POSCH WIS.....*		3	6	1-21	14	1.7	13,990	3.51	491	15	34	+54	+.02	+5	+6
07-01-63 1179373 3968516 5-71					23		13,817	3.43	474						
1457031 PABST A PRINCE.....*	35-03	75	2	6-21,33,	109	1.8	13,823	3.87	535	12	86	-599	+.15	-1	-16
11-05-63 1358647 4158999 5-71				35,43,74	22		14,587	3.71	541						
1457042 BY-GEMS REFLECTION ROYAL.....		2	11	1-35	20	2.3	16,778	3.53	592	0	36	+394	-.04	+9	+18
06-11-63 1383551 3557225 5-71					13		15,873	3.62	575						
1457081 WILBURHOLM MOOEL FOB.....*		11	21	5-23,48,	43	1.5	15,229	3.47	529	8	39	+6	-.04	-5	-4
09-05-61 1148993 4227603 5-71				71,73,93	21		15,356	3.57	548						
1457082 EXRANCO REFLECTION IDEAL.....		2	13	1-93	16	1.4	17,335	3.78	655	13	25	-48	+.06	+6	+4
10-24-63 010229512 3644935 5-71					205		17,930	3.61	647						
1457097 RA-RUD ROELAND.....*	61-02	12	1	4-31,33,	14	1.6	15,085	3.58	540	25	44	+103	-.03	0	+3
12-17-63 010229512 5164636 5-71				35,61	16		14,953	3.65	546						
1457169 GRENHOLM GOLDEN LEADER.....*		10	2	1-21	17	1.9	14,317	3.46	495	14	48	-138	-.06	-13	-14
11-25-63 1338593 5089753 5-71					17		14,684	3.58	526						
1457174 CACHE ACRES PEGASUS BEE INKA..*	91-13	7	16	3-91,92,	31	1.0	15,673	3.69	579	34	32	-83	+.06	+6	+3
01-04-64 1217639 5092042 5-71				93	81		16,153	3.52	568						
1457190 LSU REGY RAMBLER.....*		1	11	1-72	11	1.1	15,097	2.93	442	0	19	+104	-.06	-5	-1
11-07-63 975138 4260501 5-71					41		14,603	3.22	470						
1457218 HENRYHOME FINEVIEW ROCKMAN....*		3	9	1-21	13	1.9	15,286	3.66	560	9	27	+225	+.05	+15	+18
09-05-63 010275932 4736905 5-71					28		14,499	3.48	504						
1457231 PACLAMAR NINE MILE SUNCREST...*		1	15	1-85	15	1.9	15,295	3.79	579	18	24	+65	+.05	+10	+10
09-04-63 1406271 4418561 5-71					50		15,142	3.57	541						
1457243 EDNACHESTER MR BLUE.....*		5	3	1-21	11	1.2	13,710	3.26	447	0	31	-120	-.06	-12	-13
10-12-63 1001502 5123766 9-70					22		14,119	3.46	489						
1457288 HOLTEX FOBES REFLECTOR.....*		3	17	1-74	25	2.0	16,826	3.59	604	12	33	-92	+.02	0	-2
05-12-63 1298831 4222805 5-71					65		17,458	3.52	615						
1457318 ELLENVALE GYPSIE A88EKERK BOY.*		6	3	4-35,41,	12	1.6	17,075	3.74	639	9	37	+652	.00	+24	+37
01-27-64 1277213 4202790 5-71				42,46	11		15,445	3.76	581						
1457322 VERPANA FARM MARK OLE.....*		1	11	1-35	11	2.6	16,330	3.29	537	9	24	+332	-.04	+6	+14
03-05-62 1347448 3446922 5-71					12		15,040	3.42	514						
1457364 PACLAMAR B E MODEL.....*		2	9	1-32	11	1.5	15,914	3.82	608	0	22	+331	+.03	+16	+22
02-06-64 1417390 4338599 5-71					14		14,490	3.74	542						
1457366 PACLAMAR SUNSHINE E88 TIDE....*		3	8	2-32,33	11	1.7	15,006	3.67	550	0	26	+428	.00	+15	+24
01-16-64 1406271 4105551 5-71					62		13,267	3.69	489						
1457368 PACLAMAR SUNSHINE MASTER.....*		6	7	4-41,43,	18	1.5	16,585	3.67	609	6	35	+567	+.03	+25	+35
01-10-64 1406271 4521313 5-71				46,84	10		15,078	3.60	543						
1457369 PACLAMAR SUNSHINE PERFECT.....	93-03	6	9	1-93	21	1.6	16,756	3.72	624	25	37	+178	+.04	+12	+15
01-31-64 1406271 4814537 5-71					187		16,534	3.63	601						
1457415 CARLIN SUPREME.....*		6	14	2-47,48	32	2.0	14,808	3.90	578	7	41	-53	+.13	+16	+12
09-27-63 010249530 4511419 5-71					16		15,049	3.61	544						
1457419 GLADTIME BURKE ATHLONE.....*		2	11	1-21	13	1.3	16,097	3.49	561	18	22	-155	+.02	-3	-7
11-07-63 1283917 4337178 1-71					11		17,115	3.42	586						
1457468 DARBY CREEK HI HOPE FOBES.....*		3	14	2-31,63	18	1.8	11,883	3.70	440	6	27	-449	+.01	-15	-24
12-17-62 1250992 3611168 5-71					14		13,480	3.69	498						
1457473 WINDING GLEN DELIGHT IVANHOE..*	61-02	185	3	14-31,33,	321	1.2	14,518	3.49	506	16	93	-293	-.10	-24	-28
01-10-64 1189870 4510932 5-71				61,74,84	19		14,932	3.59	536						

REGISTRATION NUMBER / NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1457479 DON DALE DEAN BUR HOMER.....*	21-10	30	1	2-13,21	31	1.8	15,724	3.50	550	13	66	+301	-.03	+6	+13
06-27-63 1140763 4038883 5-71					23		15,412	3.54	545						
1457486 MACHOLD PEBLE BEACH NOEL.....*		2	8	1-21	12	1.4	16,151	3.70	597	17	26	+155	+.03	+10	+12
12-09-63 1315498 4340777 5-71					30		15,724	3.60	566						
1457487 MACHOLD PABST NOEL.....*		2	7	1-21	13	1.2	12,976	3.40	441	20	27	+48	-.02	-1	0
12-10-63 1315498 4607721 5-71					26		12,670	3.50	443						
1457493 ALLO WIS VEEMAN.....		1	26	1-82	26	1.4	14,038	3.68	516	0	24	-81	+.06	+5	+2
09-07-63 1126307 4841673 5-71					12		14,430	3.42	494						
1457502 REEO GLEN REFLECTOR COUNT.....*		5	4	3-12,13,	13	1.5	14,335	3.74	536	0	34	-34	-.01	-2	-3
11-08-63 1298831 4505975 5-71				14	15		14,493	3.79	550						
1457511 COULTERHOME STYLEMASTER.....	35-75	28	2	11-21,23,	39	1.6	15,265	3.66	558	6	68	-76	+.05	+4	+1
01-10-64 1175471 4079777 5-71				31,41,93	96		15,538	3.59	558						
1457562 SPRUCEVALE GRANMASTER LADDIE..*		1	16	1-35	16	1.0	16,570	3.57	592	0	20	+287	-.05	+3	+10
02-14-64 1373055 4574663 5-71					11		15,258	3.83	584						
1457574 ENDOW ASPIRANT ACE.....		1	15	1-42	15	2.1	12,304	3.45	425	33	23	-36	-.01	-2	-3
10-02-62 1185854 5400278 5-71					18		12,298	3.50	430						
1457590 STEVOLYN FANTASTIC PRINCE.....		1	11	1-63	11	1.4	13,413	3.75	503	36	20	-265	+.01	-8	-14
02-28-64 1121706 3883821 5-71					32		14,837	3.75	556						
1457610 IOEOGRAPH ROBURKE FOLLOW ON...*		3	6	1-92	17	1.5	16,362	3.43	562	12	35	+52	-.01	0	+1
12-12-63 1358623 4007947 5-71					11		16,465	3.47	572						
1457653 COOPER HILL PERSEUS LEADER....*		4	19	4-13,14,	24	1.7	14,494	3.70	537	15	29	-288	-.02	-13	-18
10-24-63 010260599 4865270 5-71				16,21	64		15,667	3.79	594						
1457668 CHOATHOLM CREATION-TWIN.....		3	4	1-21	10	1.5	14,504	3.56	516	14	30	-118	-.01	-5	-7
01-17-64 1280015 4286550 5-71					31		15,012	3.60	541						
1457680 ELLWAY STELLA PAT JACK.....*		3	26	1-41	30	1.5	12,770	3.81	486	13	27	+127	+.01	+6	+8
07-04-63 1389269 3819805 5-71					13		12,108	3.77	457						
1457703 SKYLINER MERCEDES NORTON.....*		1	20	1-35	20	1.5	15,664	3.77	591	25	23	+127	+.02	+7	+9
10-17-63 1244845 4735580 5-71					18		15,245	3.71	565						
1457718 LAMAGA VICTOR SUPREME CAL.....*		1	29	1-21	29	2.0	17,853	3.58	639	17	27	+379	-.05	+6	+15
01-24-64 1298717 4756394 5-71					21		16,718	3.76	629						
1457738 CHURCH HILL MR CLENOON-TWIN...*		2	10	1-42	18	1.6	14,817	3.77	558	17	31	+179	+.05	+14	+16
06-14-63 1293580 3315166 5-71					9		14,278	3.61	515						
1457782 EMPEROR SNAPPY JO.....*		4	13	2-41,71	23	1.9	14,577	3.40	496	4	34	+112	-.09	-9	-5
12-02-63 1416711 4403747 5-71					10		14,284	3.69	527						
1457789 VIGO ROBURKE LEADER.....		2	5	1-35	10	2.2	13,855	3.51	487	25	29	-3	-.03	-4	-3
08-26-63 1303198 4348914 5-71					11		13,860	3.63	503						
1457791 MINNVALE PRESTO SILVER KING...		2	18	2-41,42	20	1.4	12,319	3.97	489	10	24	+58	+.02	+5	+6
09-06-63 1388954 4652481 5-71					9		11,869	3.93	466						
1457795 MINNVALE LOCHLAWN SNOW-WHITE..		1	10	1-41	10	1.4	13,278	3.65	484	0	20	-90	+.01	-2	-4
01-22-64 1434836 5269680 5-71					8		13,721	3.63	498						
1457833 WEHRMANA ROYAL TOP NTOCH.....		1	19	1-42	19	1.4	12,383	3.57	442	0	23	-141	+.04	0	-4
10-14-63 1235329 5631604 5-71					6		12,910	3.38	436						
1457842 ELMVALE KING JASON.....*	21-10	46	1	2-13,21	49	1.7	15,632	3.54	554	14	75	+178	-.02	+4	+8
12-17-63 1215995 3883834 5-71					22		15,554	3.56	554						
1457846 ST CROIXCO REFLECTION SUPREME.	35-21	54	3	5-35,41,	86	1.7	15,530	3.58	556	18	80	+617	-.09	+9	+23
05-09-63 1347065 4132764 5-71				42,45,47	19		14,849	3.70	550						
1457857 LEO-BUR JUBLENT ROBINHOOO.....*		3	6	1-34	13	1.5	14,852	3.74	555	31	31	-157	.00	-5	-8
02-19-64 1365401 4286780 5-71					31		15,519	3.74	581						
1457887 VISTA B F SKYWAY IKE.....*		4	23	1-41	30	1.5	15,440	3.54	546	21	29	+94	.00	+4	+6
07-19-63 1396885 5290175 5-71					13		15,246	3.51	535						
1457897 NORLO REGAL IVANHOE.....*		2	11	1-23	13	2.5	14,780	4.10	606	8	27	-4	+.11	+15	+12
09-15-63 1189870 4801453 5-71					36		14,894	3.71	553						
1457899 KETCHUM OEAN BOB.....		1	18	1-41	18	1.2	14,122	3.68	520	14	22	+38	+.05	+8	+8
01-26-64 1415630 4810504 5-71					4		13,944	3.44	480						
1457909 ROSE-FRONT VICAR SENATOR.....*		2	8	1-31	10	1.3	16,826	3.55	597	40	21	+328	-.02	+9	+16
12-28-63 1304722 4275947 5-71					15		15,412	3.65	562						
1457920 STILLWELL ORMSBY ANN CREATOR..*		2	15	2-33,72	17	1.9	15,159	3.77	571	20	26	+19	+.05	+8	+7
09-17-63 1088861 3742654 5-71					21		15,213	3.58	545						
1457931 OUNGA BROOK SEARS IVANHOE.....	35-75	9	1	6-21,31,	10	1.6	16,539	3.76	622	20	37	-89	+.06	+5	+2
11-06-63 1085978 4518587 5-71				35,55,93	89		17,101	3.62	619						
1457932 COLLINS-CREST MAJESTY.....*	91-11	11	7	3-13,15,	41	1.4	17,462	3.29	575	18	55	+505	-.14	-2	+11
03-06-64 1252985 5594456 5-71				21	24		16,824	3.51	590						
1457934 COLLINS-CREST NORSTAR JET.....*		2	15	1-21	17	1.4	16,476	3.53	581	6	24	+10	-.01	-1	-1
08-08-63 1424887 4120266 5-71					10		16,710	3.59	600						
1457947 QUIET ACRES GOVERNOR FREO.....		1	56	1-91	56	1.4	16,489	3.78	624	11	26	+25	+.04	+6	+6
11-08-63 1234023 4354408 5-71					153		16,667	3.68	613						
1457950 KEN VER NEIL COUNT ROYAL.....*		5	6	4-43,48,	16	1.3	17,125	3.61	619	19	33	+326	-.01	+10	+17
07-06-63 1350414 3661136 5-71				73,93	28		16,391	3.66	600						
1457951 KEN VER NEIL CAREY SENATOR....*		3	6	1-48	13	1.2	13,070	3.71	485	8	29	+39	-.01	0	+1
07-28-63 1352927 5416121 5-71					12		12,823	3.78	485						
1457959 WITE ORMSBY SEGIS.....*		1	10	1-23	10	1.9	12,565	3.66	460	10	21	-57	+.01	-1	-2
09-13-63 1261743 4228373 1-71					6		12,713	3.65	464						
1457967 TUCKY ELEVATION RANGER.....*		2	17	1-74	19	1.8	15,344	3.34	512	0	26	+176	-.01	+5	+9
09-30-63 1271810 4174874 5-71					26		14,746	3.33	491						
1457993 MAPLE PASS ANGEL IVANHOE.....*		8	3	3-43,71,	18	1.6	16,480	3.51	579	40	44	+309	+.01	+12	+18
11-29-63 1418353 4851572 5-71				73	9		15,986	3.48	557						
1458011 PINEYHILL VALOR.....*		5	6	1-93	12	1.3	16,884	3.64	615	50	28	-125	+.03	0	-3
09-13-63 1295523 5358901 5-71					30		17,703	3.58	633						
1458025 SCARLETTS CARNATION ADMIRAL...*		3	4	2-63,74	11	1.9	11,753	3.65	429	0	33	-490	+.03	-13	-24
11-26-63 1237057 4508234 5-71					22		13,159	3.56	468						
1458033 BROWNKING SKYROCKET-TWIN.....		3	11	1-87	18	1.4	15,782	3.35	528	27	29	-84	+.01	-2	-4
11-19-63 1244845 4670988 5-71					37		16,313	3.33	543						
1458063 GRASSYLANE CONFIDENT MASTER...	35-75	18	1	8-21,35,	19	1.5	17,359	3.46	601	13	52	+785	-.08	+16	+34
02-20-64 967873 4322668 5-71				41,55,93	47		16,071	3.59	577						

REGISTRATION NUMBER NAME DF BULL	STUD CODE	NUMBER DF HERDS	EFF DAU /HD	STATES ND- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1458075 PALO DURO SOVEREIGN GOLD.....		2	26	1-74	31	1.3	13,278	3.49	463	3	27	-233	.00	-9	-14
02-08-64 1298831 4837758 5-71					20		14,182	3.54	502						
1458079 ROCK RIVER PACESETTER.....		1	13	1-42	13	1.8	13,975	3.43	479	0	22	-42	.00	-2	-3
03-05-64 1392106 4636634 5-71					12		14,193	3.47	492						
1458102 HILLOCK XX COMET KING.....*		3	10	1-35	24	1.4	13,420	4.48	601	19	37	-679	+.21	+3	-15
02-25-64 1378594 4519275 5-71					15		15,409	3.92	604						
1458114 LECLAIR PEG ATHLONE PETER.....*		2	23	1-35	25	1.6	14,020	3.84	538	40	26	-246	-.04	-15	-19
09-26-62 1210078 4405757 5-71					29		15,078	4.05	611						
1458117 FOREST-FARM SAD JACK.....*	21-10	47	1	2-13,21	50	1.5	16,325	3.52	574	12	74	+783	-.06	+19	+36
01-09-64 1085978 4809372 5-71					22		15,419	3.59	554						
1458136 MACHOLD MADCAP ROYAL BEA.....*		2	8	1-21	14	1.1	15,316	3.63	556	50	27	+9	.00	0	0
02-22-64 1200082 3603776 5-71					28		15,431	3.64	561						
1458137 FLYNN FIELD NID ELROSA.....		1	11	1-47	11	1.7	10,140	3.73	378	22	22	-195	+.03	-3	-8
03-19-63 1403473 5537529 5-71					8		10,724	3.57	383						
1458138 FLYNN FIELD ROYAL LAIN.....		2	9	1-47	14	1.6	14,055	3.67	516	21	27	+168	+.01	+8	+11
07-07-63 1425908 5540503 5-71					6		13,382	3.63	486						
1458139 FLYNN FIELD MARLO PRIME.....*		3	7	1-47	10	2.2	15,119	3.83	579	0	27	+175	+.04	+12	+15
07-11-63 1213880 4627231 5-71					45		14,526	3.69	536						
1458145 SHADY GROVE ROYAL COUPON.....*		3	4	1-93	11	1.7	16,679	4.02	670	10	32	+664	+.06	+32	+44
12-05-63 1395837 5202488 5-71					31		14,686	3.94	579						
1458155 KIERLAND REFLECTOR DUKE.....*		6	3	2-21,23	13	2.5	14,605	3.51	512	8	42	-159	-.08	-17	-18
11-14-62 1298430 3678197 5-71					20		15,100	3.71	560						
1458169 JOLIAM PRIDE ADMIRAL-TWIN.....*	35-21	2	15	1-35	17	1.5	17,260	3.56	615	7	24	+288	-.05	+3	+10
12-15-63 1237057 4276774 5-71					25		16,308	3.76	613						
1458185 ELLINGDALE DELIGHT P F JDE....*		4	6	2-33,35	11	1.5	14,190	3.63	515	9	27	-374	-.03	-17	-24
10-31-63 1347065 4686523 5-71					12		15,776	3.76	593						
1458198 IONIA CRESTVALE MARKSMAN.....*		1	61	1-34	61	1.4	14,198	3.71	527	24	26	+80	+.04	+8	+9
01-20-64 1361848 4783462 5-71					68		13,879	3.56	494						
1458217 WOODLEDGE PAUL X QUIZ.....*		1	13	1-52	13	1.5	16,414	3.53	580	31	21	-32	-.01	-3	-3
03-21-63 1426828 3800385 5-71					31		16,863	3.62	610						
1458219 GREEN MEADOW ROBIN HOOD.....		1	32	1-34	32	1.6	11,008	3.60	396	13	25	-183	.00	-6	-10
09-01-63 1303180 3232005 5-71					20		11,494	3.59	413						
1458228 NETHERLAND TIDY CHIEF ROCKET..*		1	14	1-45	14	1.6	14,378	3.50	503	0	23	+158	+.01	+7	+10
02-17-64 1289574 4356610 5-71					14		13,648	3.44	469						
1458253 ZELDENRUST MODEL.....*		9	1	3-32,34,	10	1.6	13,210	3.40	449	25	37	-74	-.03	-7	-8
09-05-63 1382768 4733513 5-71				64	19		13,355	3.50	468						
1458292 DIAMOND S SOVEREIGN KEY-TWIN..		1	56	1-93	56	1.2	12,454	3.36	418	38	25	-296	-.03	-15	-20
08-24-63 1382958 3676108 5-71					61		13,635	3.51	479						
1458295 DIAMOND S SOVEREIGN ABE.....*		4	14	1-93	19	1.1	15,092	3.78	571	29	25	-754	+.05	-21	-37
09-29-63 1382958 3756851 5-71					138		18,534	3.65	676						
1458300 LAVACRES DICTATOR PRIMO.....*		4	9	1-93	14	1.5	14,547	3.38	492	0	28	+101	-.03	0	+3
04-30-63 1204163 4186647 5-71					35		14,206	3.48	494						
1458310 BURKE PARKSTEAD FIELDHOUSE....		1	11	1-23	11	1.7	13,062	3.77	493	9	22	-272	+.04	-5	-11
09-18-63 1416162 5517777 5-71					4		14,366	3.64	523						
1458317 RAINBOW TRIUMPH ROSE.....*		4	6	2-32,55	16	1.6	15,447	3.50	540	13	35	+310	-.05	+4	+11
11-02-63 1316533 5366544 5-71					21		14,622	3.63	531						
1458334 KASHOME ADMIRAL LELAND.....*		2	6	1-41	12	2.1	12,315	3.72	458	0	31	-178	+.03	-2	-6
12-21-62 1210078 4927394 5-71					10		12,767	3.62	462						
1458341 THE MEADOWS PILOT SUPREME.....*		1	10	1-42	10	1.4	12,544	3.59	450	30	20	+180	.00	+6	+10
01-25-64 1350137 4097467 5-71					6		11,366	3.62	411						
1458342 THE MEADOWS SIR COMET.....		1	11	1-42	11	1.4	14,029	3.70	519	33	20	-240	+.04	-3	-9
03-08-64 1070036 4848551 5-71					8		15,400	3.55	546						
1458351 MAYLEANNE FOND HOPE.....*		3	14	2-12,16	26	1.4	14,613	3.95	577	0	33	+105	+.08	+15	+15
08-17-63 1243697 5057128 9-70					38		14,336	3.73	535						
1458352 BURKGOV LAVACRES ROMAN.....	35-75	24	2	7-13,21,	32	2.0	16,215	3.56	577	14	66	+443	-.04	+10	+20
01-27-64 1244845 4331276 5-71				41,55,93	44		15,718	3.62	569						
1458382 GRASIT ROBURKE ORMSBY.....*		1	22	1-34	22	1.6	13,195	3.92	517	0	24	+21	+.10	+15	+13
01-05-63 1359899 4406591 1-71					5		13,014	3.44	448						
1458404 FLETTOALE SOVEREIGN SUPERIOR..*	21-10	101	2	4-13,21,	133	1.7	15,506	3.45	535	8	87	+64	-.12	-14	-10
09-25-63 010229203 011312081 5-71				23,74	25		15,598	3.58	558						
1458405 MAYTAG SUNNY MASTER.....*		2	16	1-42	25	1.4	15,639	3.33	520	13	31	+14	-.03	-4	-3
11-16-63 1305460 3877267 5-71					33		15,778	3.43	541						
1458406 MAYTAG DICTATOR SUNNYSIDE.....		1	25	1-42	25	1.4	10,543	3.90	411	5	24	-391	+.09	-2	-12
01-06-64 1204163 3659126 5-71					2		11,979	3.45	413						
1458409 MAYTAG DE LUXE DICTATOR.....		1	11	1-42	11	1.2	12,475	3.70	461	**	19	-529	+.04	-14	-25
01-22-64 1303077 4257734 5-71					9		15,395	3.53	544						
1458425 FROSTHOLM SENATOR MILLARD.....		1	17	1-41	17	1.2	12,010	3.94	473	58	21	-359	+.04	-7	-15
10-03-62 1376402 4649227 1-71					12		13,665	3.72	509						
1458428 ROCKLEDGE SKY SKOKIE SAM.....*		3	7	1-48	12	1.9	15,833	3.83	607	0	29	+146	+.02	+8	+10
10-20-63 1288610 5375165 5-71					15		15,482	3.79	587						
1458453 VICTOR ORMSBY LEADER.....		1	30	1-41	30	1.5	12,353	3.88	479	11	25	-274	+.08	+1	-6
10-29-63 1216957 4651506 1-71					2		13,403	3.51	471						
1458460 THAYBEN IDEAL C R IVANHOE.....*		2	13	2-11,35	15	1.3	12,409	3.80	472	8	23	-400	.00	-14	-22
09-24-63 1411214 5380083 5-71					16		14,199	3.81	541						
1458476 HILLSET PONTIAC SKYCHIEF.....*		3	16	2-42,43	20	1.3	13,052	3.59	469	7	25	-218	+.01	-6	-11
12-18-63 1397752 5371321 5-71					14		13,930	3.57	497						
1458478 FERRANDCREST CORRINE PARADER..		1	10	1-32	10	1.0	9,302	3.52	327	0	18	-119	-.01	-6	-8
11-25-63 1303371 4811572 5-71					12		9,538	3.71	354						
1458480 BO-NO CONCENTRATE JULIA PRIM..*	91-13	7	14	3-91,92,	31	1.3	17,899	3.17	568	20	37	+199	-.13	-11	-4
10-27-63 1098656 4506693 5-71				93	38		17,740	3.44	610						
1458484 VERPANA FARM ROYAL DEAN.....*	35-05	1	11	1-35	11	1.4	15,007	3.90	585	50	20	-120	+.04	+1	-2
01-26-64 1404878 4981714 5-71					18		15,805	3.73	590						
1458552 DOLLY ADMIRAL JACK.....*		2	7	1-23	10	1.1	13,964	3.35	468	0	22	+162	-.07	-4	+1
06-22-63 1237057 3892739 5-71					16		13,139	3.72	489						

REGISTRATION NUMBER NAME OF BULL	STUO COOE	NUMBER OF HEROS	EFF OAU /HO	STATES NO- WITH MOST OAUS	... OAUGHTERS AND HEROMATES ... OAUS HM/OAU	REC/OAU HEROMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREOICTEO DIFFERENCES MILK	%	FAT	$$
1458569 RWJS RAVEN LORENZO.....		2	22	1-93	24	1.4	17,369	3.60	626		12	25	+114	+.01	+5	+7
09-27-63 1330936 3814078 5-71					97		17,238	3.59	618							
1458575 AIRYMEAO PRIOE ROBURKE.....*		3	10	1-13	14	1.8	14,904	3.44	512		0	27	+11	-.05	-6	-5
01-24-64 1237057 4704021 5-71					37		14,966	3.63	543							
1458581 SIX-OAKS ROYAL GOLO FRANK-TWIN*		2	8	1-34	10	2.7	13,457	3.34	450		10	26	-81	-.02	-6	-7
07-27-62 1397752 4330509 5-71					30		13,760	3.45	475							
1458609 OIAMONO S SOVEREIGN CARR.....*		4	16	2-87,93	21	1.1	15,542	3.74	582		0	26	-250	+.07	0	-6
09-29-63 1382958 4806326 5-71					40		16,798	3.51	589							
1458618 RENSINK LAOY PILOT.....		1	14	1-42	14	1.1	14,729	3.63	535		17	20	+83	+.04	+9	+10
02-28-64 1414027 5528825 5-71					2		14,356	3.41	490							
1458685 MCCAWHOLME WAYNE OUKE.....*		4	14	1-31	22	1.4	15,133	3.62	548		20	30	-231	+.02	-6	-11
07-14-62 010237136 011068120 5-71					27		16,122	3.60	580							
1458728 ECRASO WORTHY MASTER.....	61-02	70	2	6-31,33,	107	1.5	15,587	3.48	542		13	84	+664	-.14	+3	+20
10-28-63 1124780 3524177 5-71				58,61,81	21		14,890	3.65	543							
1458735 ROCKCO CHARIOTEER JACK.....*		2	9	1-12	12	2.4	14,219	3.62	515		8	28	-279	-.01	-11	-16
04-28-63 1254887 5232835 5-71					38		15,353	3.68	565							
1458744 PACLAMAR ASTRONAUT.....*	33-03	879	4	43-21,23,	1,560	1.2	16,291	3.59	585		10	98	+1,294	-.02	+43	+69
01-19-64 1252985 4141507 5-71				35,42,51	26		15,091	3.62	546							
1458758 ELMOKA GRANOIER OLE.....	35-21	40	2	5-31,35,	55	1.4	14,306	3.66	524		17	73	-46	-.04	-7	-7
03-07-64 1277619 3858510 5-71				41,42,47	17		14,418	3.73	538							
1458759 PRIOE AOMIRAL PRINCE.....		2	19	1-23	23	1.7	14,392	3.97	572		0	27	-40	+.04	+4	+2
09-23-63 1237057 5481234 5-71					11		14,608	3.87	565							
1458771 SOL-HIL SALLY ROSS.....*		2	15	1-23	17	1.6	14,581	3.40	496		0	25	+387	-.07	+4	+13
03-24-64 1400265 5157354 5-71					7		12,904	3.71	479							
1458784 CHARHART TARA CAPTAIN BILL....		1	13	1-55	13	1.4	14,185	3.67	521		8	21	+18	.00	0	0
09-14-63 1144239 5164660 5-71					13		14,116	3.74	528							
1458793 MONANFRAN SIR ILEX.....*		2	6	1-21	11	1.4	13,023	3.42	445		18	27	-197	-.04	-12	-15
09-27-63 1213164 4585000 5-71					24		13,736	3.57	491							
1458808 STERK MAGIC BOB.....*		2	10	1-93	12	1.0	17,751	3.99	709		8	20	-201	+.09	+5	-1
12-24-63 1253351 4836117 5-71					30		19,275	3.66	706							
1458811 PINEYHILL WALKWAY PONTIAC.....*		2	11	1-33	13	1.8	16,092	3.62	582		0	25	+89	-.02	0	+2
03-28-63 1391977 4463349 5-71					24		15,928	3.71	591							
1458901 COCHRAN GENERAL WALLIE.....*		3	16	1-21	21	1.2	16,547	3.35	554		7	26	+249	-.05	+2	+8
02-12-64 1215402 4525358 5-71					44		15,787	3.50	553							
1458916 S M F AAGGIE KEYSTONE.....*		1	10	1-32	10	1.7	15,860	3.34	529		40	20	+254	-.05	+2	+8
01-11-64 1291028 5074750 5-71					11		14,683	3.56	522							
1458917 HARBORCREST MILESTONE.....*	34-01	118	3	3-31,32,	207	1.3	14,244	3.71	529		16	90	-188	+.10	+7	+1
01-19-64 1029659 5054916 1-71				34	18		14,510	3.60	523							
1458930 LOU-IOA HOPEALONG.....*		5	7	1-31	13	1.6	14,608	3.53	516		31	30	-378	-.03	-18	-25
01-02-64 1243697 3590436 5-71					14		16,090	3.66	589							
1458939 ZION MEADOWS OSBORNE OUKE.....*		2	15	2-50,51	17	1.3	13,798	3.69	509		6	23	-530	+.03	-15	-26
01-14-64 1189870 4545660 5-71					30		16,327	3.58	585							
1458978 ACRE-NOOK ROYAL PIEBE GENE....*		1	14	1-21	14	1.9	12,668	3.47	439		13	23	-150	-.02	-8	-11
11-03-63 1278644 4823573 5-71					14		13,259	3.57	474							
1459001 FREEBAER I B M.....*		3	11	2-21,23	15	1.5	15,365	3.79	582		0	26	+202	+.07	+17	+19
12-23-63 1378594 3778413 5-71					97		14,651	3.52	516							
1459040 JERGENS JO HIGHCROFT.....		1	18	1-41	18	1.1	11,909	3.43	409		25	21	-269	-.03	-14	-19
03-07-64 1427872 5392124 5-71					22		13,109	3.63	476							
1459089 MONCONY CHAL COUNT.....*		3	9	2-21,23	12	1.3	13,089	3.67	481		11	24	-5	-.03	-5	-4
01-08-64 1291499 5148632 5-71					21		13,022	3.88	505							
1459094 A & E ROYAL PONTIAC.....*		1	12	1-34	12	1.8	15,377	3.35	515		18	22	-85	-.04	-8	-9
01-17-63 1397752 4496757 5-71					21		15,967	3.51	560							
1459098 OINGLEY OELL SKOKIE R A-TWIN..	41-01	55	2	4-34,41,	77	1.2	16,838	3.50	589		13	78	+1,745	-.10	+47	+84
11-27-63 1199324 4385107 5-71				45,87	19		14,674	3.62	531							
1459121 GOVERNOR EOELWEISS NEPTUNE....		1	19	1-91	19	2.2	17,108	3.67	628		22	25	+358	-.01	+12	+19
01-25-63 1234023 4549276 5-71					135		15,887	3.69	587							
1459133 OELLA HI HOPE KENT.....*		4	9	1-42	23	2.2	16,235	3.52	572		16	41	-48	-.06	-10	-10
10-08-63 1250992 4308666 5-71					18		16,620	3.66	609							
1459203 EO-NEL BENNY BETTY CEOARSPRING		2	17	1-33	21	1.4	16,255	3.29	534		10	26	+306	-.08	0	+8
10-02-63 1329249 5615234 5-71					11		15,201	3.53	536							
1459222 STANEAN AOA IVAN.....*		1	15	1-21	15	1.7	11,224	3.42	384		0	23	-92	-.01	-5	-7
04-10-63 1213164 3284166 5-71					26		11,377	3.50	398							
1459246 WELLABE MERCEOES PIONEER.....*		1	11	1-41	11	2.1	13,758	3.71	511		0	23	+131	+.02	+8	+10
12-06-63 1292880 4721816 5-71					22		13,098	3.60	472							
1459275 OELI SKOKIE OESIGN CRUSAOER...		1	19	1-33	19	1.7	12,673	3.57	452		6	24	-102	+.02	-1	-3
02-09-64 1352967 4769673 5-71					18		13,005	3.51	456							
1459278 FRUITLANOS GYPSIE PRINCE X....*		2	8	1-21	14	1.1	13,955	3.88	542		31	26	-461	+.06	-8	-19
02-10-64 1277213 4873706 5-71					26		15,916	3.67	584							
1459326 WIS PIONEER MAGISTRATE.....*		7	5	5-32,35,	18	1.3	14,434	3.70	534		15	37	+36	.00	+1	+2
01-16-64 1292880 4566771 5-71				42,43,74	20		14,382	3.71	534							
1459330 WIS MEMORY BOY-TWIN.....*		1	18	1-41	18	1.4	12,748	3.42	436		31	23	-320	-.04	-17	-22
02-25-64 1409475 5272129 1-71					6		14,184	3.63	515							
1459339 HICKORY FIELOS CHEM ANOY.....	21-10	46	1	2-13,21	47	1.8	16,669	3.49	582		14	75	+1,012	-.08	+25	+47
12-28-63 1049547 4585203 5-71					19		15,463	3.58	553							
1459345 CLARK-HO OUSTY CREAMELLE.....*		4	17	2-35,65	24	1.5	14,002	3.52	493		5	29	-107	-.01	-5	-7
01-06-64 1314767 4223621 5-71					26		14,418	3.58	516							
1459376 PIONEER LEAOER BENEFACTOR.....*		2	11	1-21	13	1.8	13,928	3.60	502		13	25	+39	+.01	+3	+4
06-03-63 1199324 5041958 5-71					10		13,751	3.55	488							
1459451 OIAMONO J OUSTY OECORATION....*		1	38	1-93	38	1.5	15,099	3.62	547		6	25	-48	+.01	0	-1
12-20-63 1205185 3257083 5-71					115		15,443	3.59	554							
1459453 YARBA IVANHOE EMPEROR.....		2	10	1-93	13	1.1	18,423	3.62	666		8	23	+306	-.03	+7	+14
12-30-63 1289173 4975476 5-71					132		17,425	3.72	649							
1459457 ROSE VEGA CITATION COUNT.....*		14	20	2-23,32	46	1.6	16,193	3.58	580		10	41	+356	-.04	+7	+15
01-14-62 1492073 011156728 5-71					18		15,479	3.68	569							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1459468 USNAD CREAMELLE R A PRIDE.....*		3	20	2-23,51	24	1.6	13,773	3.69	508		17	27	+99	-.01	+2	+4
10-10-63 1340669 4141597 5-71					69		13,349	3.74	499							
1459471 GREENCO-WIS PERSEUS HERMAN....*		1	14	1-35	14	1.7	13,149	3.34	439		7	23	+24	-.01	-1	0
07-21-63 010260599 4474685 5-71					14		12,942	3.43	444							
1459488 MARIKENS DAUNTLESS TY VIC.....		2	10	1-55	13	1.5	15,417	4.22	651		0	25	-277	+.13	+8	-1
09-22-63 1205850 3853387 5-71					21		16,816	3.76	632							
1459496 WING ACRES SKOKIE CRIS.....*		1	15	1-34	15	1.8	13,546	3.31	448		13	23	+15	-.03	-4	-3
09-10-63 1267271 4970452 5-71					20		13,430	3.47	466							
1459499 BEECHWOOD ROWSDALE PRINCE.....		1	10	1-35	10	2.3	14,598	3.69	539		10	23	+14	.00	0	0
02-01-64 1383551 5316670 5-71					12		14,601	3.75	547							
1459513 NUNESOALE MARK PERFORMER.....	91-11	2	11	1-93	13	1.2	17,944	3.89	698		0	22	-57	+.04	+4	+2
01-07-64 1410237 5172935 5-71					58		18,688	3.75	701							
1459548 MAX SEGIS POSCH.....*		2	9	1-31	16	1.1	14,259	3.44	491		27	28	-173	-.03	-10	-13
02-21-64 1382768 3727790 5-71					22		14,997	3.57	536							
1459554 HOWACRES STYLEMASTER MAT.....*		6	3	2-13,21	10	1.6	14,884	3.64	542		13	32	+56	+.02	+5	+6
04-04-64 010241954 5076835 5-71					18		14,791	3.58	530							
1459555 HOWACRES PERSEUS MISTER.....*		4	7	2-13,21	13	1.8	13,725	3.42	470		8	31	-178	-.03	-10	-13
04-06-64 010260599 3697471 1-71					13		14,347	3.53	506							
1459576 ONGLEY SHANGHIGH ROCKET.....*		2	6	1-23	10	1.0	16,491	3.29	542		**	23	+48	-.08	-10	-7
11-01-63 1404795 5285118 5-71					14		16,539	3.64	602							
1459582 WEAVERS SOVEREIGN CHIEF.....	34-01	72	1	5-32,33,	90	1.6	13,723	3.53	484		21	83	-264	-.05	-16	-20
07-07-63 010229203 011330410 5-71				34,52,87	37		14,052	3.59	505							
1459607 SPLITHANO DUKE TOGUS ARTESIAN.		2	13	1-41	17	1.2	14,523	3.39	493		13	24	+269	.00	+9	+14
02-07-64 1181029 4510670 5-71					10		13,336	3.37	450							
1459623 CHAL PIOON RUBEY.....*		1	10	1-35	10	2.3	15,864	3.73	592		30	22	+59	-.02	0	+2
11-10-63 1291499 5252576 5-71					10		15,784	3.81	601							
1459638 TRANQUILLITY TREASURER.....*		5	5	2-22,23	20	1.0	14,501	3.77	546		7	39	-522	+.06	-11	-23
02-19-64 1413713 4488388 5-71					24		16,068	3.63	584							
1459712 FOXLEASE ENDEAVOR.....*	35-05	42	2	7-35,41,	56	1.2	15,393	3.65	562		7	73	+350	-.02	+10	+17
02-05-64 1189870 4231933 5-71				42,52,55	19		15,023	3.69	554							
1459740 BORDER PATROL.....	93-16	7	11	2-86,93	41	1.1	18,156	3.39	616		11	46	+474	-.09	+4	+16
08-31-63 1397752 4379905 5-71					95		17,471	3.54	619							
1459758 PENN DELL KINGPIN AUTOCRAT....*		2	6	1-54	12	1.9	14,901	3.81	567		11	30	+224	+.01	+9	+13
09-06-63 1207770 5436773 5-71					71		14,187	3.81	541							
1459805 OWEN JO STAR LYONS.....*		2	9	1-31	11	1.5	14,302	3.51	502		9	22	+1	-.03	-4	-3
04-25-63 1274923 5018165 5-71					59		14,336	3.67	526							
1459823 RICHTAN MASTER STAR.....		1	19	1-43	19	1.5	10,601	3.62	384		20	23	-146	+.01	-4	-7
03-27-63 1274923 4393196 5-71					24		10,936	3.61	395							
1459826 JON-DE IVAN COMET KING.....		1	10	1-35	10	1.8	13,983	3.68	515		20	21	-45	-.01	-3	-4
12-23-63 1420736 4013719 5-71					11		14,230	3.79	540							
1459845 ADOHR BLANCO ROBURKE VICTOR...		1	23	1-93	23	1.0	18,335	3.66	671		19	21	-101	+.02	-1	-3
02-12-64 1420305 4949417 5-71					71		19,356	3.63	702							
1459889 V S H SKY MASTER UNA.....*		4	3	1-13	12	1.3	15,052	3.73	561		20	34	-92	.00	-3	-5
01-29-64 1244845 4937385 5-71					22		15,481	3.74	579							
1459913 VEL-OON PERFECTION OUKE MARK..	35-75	25	1	8-21,23,	30	1.7	15,472	3.74	578		25	64	-26	+.09	+12	+9
12-15-63 1222994 4222879 5-71				35,91,93	89		15,689	3.61	566							
1459914 ST CROIXCO PRAIRIE MEL.....*		1	18	1-41	18	1.5	16,148	3.96	639		6	23	-33	+.04	+5	+3
04-27-63 1291499 4527174 5-71					6		16,557	3.82	632							
1459917 ST CROIXCO PIONEER LYNN.....*		4	7	4-33,42,	12	2.2	15,232	3.66	558		8	30	+337	+.03	+17	+23
09-28-63 1397209 5161268 5-71				43,74	42		14,116	3.53	499							
1459935 A & E GRAY VIEW GEORGE.....*		1	13	1-34	13	1.2	17,340	3.47	601		8	20	+597	.00	+21	+33
12-09-63 1244845 4496757 9-70					16		14,436	3.44	497							
1459936 BARMAH HAROEN GRANOIER.....		17	3	4-33,35,	26	1.5	15,199	3.40	517		20	55	+601	-.11	+6	+21
01-05-62 1277619 4160492 5-71				61,85	83		14,120	3.59	507							
1459953 OE-WA-SEE UNEEOA IRVING PRIDE.*		3	7	1-32	10	1.9	14,148	3.45	488		20	26	-51	-.03	-6	-6
01-22-64 1237057 4101481 5-71					10		14,397	3.59	517							
1459970 SPY ROCK ALFONSO LUCIFER.....*		1	17	1-12	17	1.4	16,551	3.55	588		7	22	+414	-.03	+11	+20
04-08-64 1288194 3698676 5-71					33		14,780	3.69	545							
1459981 TUM-A-LUM SKYMIST MARK.....*		6	8	1-21	29	1.5	14,375	3.58	515		15	45	-420	-.08	-26	-32
11-29-63 1422087 4868861 5-71					34		15,465	3.78	584							
1459982 TUM-A-LUM AAGGIE PONTIAC.....*		6	3	3-15,16,	13	1.5	15,171	3.57	541		15	36	-59	-.01	-4	-5
05-20-63 1391977 4477618 5-71				23	29		15,492	3.61	560							
1459984 TUM-A-LUM MISTERY WOODY.....*		2	14	1-21	16	1.3	13,377	3.62	484		0	23	-48	+.02	+1	0
06-25-63 1346121 4392088 5-71					29		13,552	3.53	479							
1459994 DE KOL MAY ROCKET.....		1	22	1-41	22	1.6	11,646	3.46	403		32	24	-284	-.02	-13	-18
10-30-63 1398529 4630368 5-71					5		12,714	3.60	458							
1459996 ROMANOALE REFLECTION MARQUIS..*	33-03	2,809	6	48-21,23,	7,138	1.5	14,514	3.57	518		12	99	-472	-.05	-24	-32
10-17-56 010198998 010857432 5-71				31,33,35	28		15,105	3.62	547							
1460047 FIELO CRESCENT HOPE.....*		2	13	1-74	15	1.7	14,347	3.43	492		0	25	-553	+.01	-18	-29
01-02-64 1243697 4166655 5-71					21		16,883	3.41	575							
1460073 GREEN-TOP FANUAL.....*		1	12	1-33	12	1.2	11,018	3.70	408		17	19	-113	.00	-4	-6
03-31-64 1431720 4386840 5-71					8		11,344	3.75	425							
1460085 TRI-SPRING GALLANT COMET.....*		4	5	1-41	12	1.7	13,799	3.64	502		0	32	+40	.00	+1	+2
01-20-64 1329588 4211780 5-71					11		13,645	3.66	500							
1460119 WOAL LUCKY HAL LAD.....*		1	11	1-33	11	1.9	14,169	3.48	493		0	22	+98	-.04	-2	+1
01-09-64 1283917 4834393 5-71					20		13,709	3.69	506							
1460121 C & S BARABOO ALFA ADMIRAL....		2	6	1-91	12	1.7	15,594	3.64	568		0	29	+8	+.04	+6	+5
01-04-64 1237057 6005059 5-71					52		15,748	3.51	552							
1460141 WILLOWLYN 8 8 MASTER.....*		1	22	1-52	22	1.5	16,446	3.59	590		14	24	+284	-.03	+6	+12
01-19-64 1372747 3432055 5-71					43		15,386	3.72	572							
1460146 BARTELS MAPLE L CONRAD.....*		3	4	1-46	10	1.5	15,024	3.65	548		20	28	+51	+.02	+4	+5
08-25-63 1377115 5286278 5-71					8		14,941	3.59	537							
1460147 BARTELS MAPLE L ADAM-TWIN.....		1	10	1-41	10	1.7	12,869	3.76	484		20	21	-255	.00	-9	-14
08-26-63 1377115 5540031 5-71					57		14,108	3.79	534							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1460159 BARTELS AAGGIE KEYSTONE.....*		3	13	1-41	18	1.6	12,182	3.64	443	6	28	-434	-.04	-21	-29
11-08-63 1291028 5540021 5-71					14		13,707	3.82	523						
1460167 SOL NAN PURE GOLD.....		1	35	1-34	35	2.1	12,374	3.69	457	3	27	-148	+.04	0	-4
02-28-63 1404622 4265740 5-71					5		12,808	3.52	451						
1460170 HORSE CREEK MIONIGHT GINGER...		1	13	1-35	13	1.4	14,540	3.91	569	8	21	-36	+.01	0	-1
11-02-63 1258673 4275785 5-71					13		14,805	3.92	580						
1460191 WILLAROS RAG APPLE CASCADE....*		3	7	1-35	10	1.3	17,815	3.64	648	20	23	+210	-.02	+5	+10
10-14-63 1407128 4593181 5-71					14		17,225	3.73	642						
1460194 WILLARDS R A ROBURKE.....*		2	8	2-33,35	10	1.2	15,453	3.71	574	0	21	-78	+.03	+2	0
02-28-64 1407128 4808736 5-71					71		16,048	3.57	573						
1460219 CRESCENT BEAUTY CHARM-TWIN....*	33-03	12	7	7-33,35,	33	1.4	15,217	3.57	543	10	50	+231	-.03	+4	+9
01-11-64 1080108 3398005 5-71				43,71,73	14		14,843	3.62	538						
1460222 HAWTHORN MAJESTY DON.....*		4	8	2-21,57	15	1.1	16,826	3.08	519	14	27	+359	-.04	+7	+15
10-24-63 1293580 3931829 5-71					47		15,658	3.14	492						
1460267 CAVANAGH PIONEER WAYNE.....*		1	12	1-31	12	2.2	16,053	3.55	570	0	24	+103	-.02	+1	+4
10-19-63 1292880 4725241 5-71					18		15,800	3.61	571						
1460271 PABST IDEAL PRAIRIE.....*		1	22	1-35	22	1.5	11,468	3.51	402	29	23	-349	-.01	-14	-21
01-18-64 1406548 4776794 5-71					13		12,854	3.59	461						
1460280 RUSSWICK HAPPY STAR SHAWN.....*		3	13	1-21	17	2.2	16,721	3.27	546	6	29	+386	-.06	+6	+15
12-01-63 1273237 4809886 5-71					31		15,524	3.41	529						
1460282 HOLLOW HILL REGAL PILOT.....		1	11	1-42	11	1.1	15,478	3.57	552	20	19	+134	-.02	+2	+5
01-20-64 1311564 4741922 9-70					6		14,850	3.66	544						
1460299 A B C AJAX COMMANDER.....*		1	13	1-31	13	1.5	17,665	3.46	612	15	22	+144	-.03	+1	+5
11-26-63 1276654 4817051 5-71					21		17,339	3.56	617						
1460301 ROMANDALE MAPLE MASTER.....*		6	2	1-23	11	1.9	14,375	3.78	543	0	37	+33	+.04	+7	+7
01-31-64 1382176 6023338 5-71					27		14,323	3.69	528						
1460325 HERMAN BELLE PRIDE.....*		5	6	1-42	19	1.4	15,691	3.54	555	6	38	-450	-.02	-19	-27
02-06-64 1237057 5333171 1-71					13		17,205	3.59	618						
1460327 ROLLING LAWNS PRINCE TREASURE.*		2	8	1-33	15	1.6	13,651	3.59	490	23	30	-425	-.01	-17	-25
11-11-63 1413308 4741145 5-71					19		15,185	3.64	553						
1460373 HY-SEEN REGAL TRIUMPH.....*		4	6	3-33,42,	11	1.1	15,828	3.41	539	20	25	+292	-.05	+3	+10
11-04-63 1311564 5004450 5-71				47	14		14,717	3.59	529						
1460393 MORRISDON FOND LUKE.....*		2	10	1-22	12	1.4	16,108	3.73	601	8	22	+193	-.01	+6	+10
05-27-64 1243697 5183459 5-71					19		15,388	3.80	584						
1460399 MELAMAR VALIANT PRINCE.....*	21-10	33	1	2-13,21	36	1.6	15,523	3.56	552	14	68	+438	+.01	+17	+25
12-30-63 1245520 4513867 5-71					22		14,977	3.54	530						
1460411 CRESTON TRUSTWORTHY.....*		6	6	2-34,35	19	1.5	13,731	3.69	506	13	38	-429	+.02	-13	-22
01-25-64 1246308 4663075 5-71					26		14,955	3.66	547						
1460413 SILVER LAKE MASTER DEAN.....		2	7	1-23	10	1.0	10,870	3.78	411	0	21	-285	+.05	-3	-10
04-22-64 1380945 5300461 1-71					32		12,029	3.49	420						
1460421 KYLAND KOBA SEGIS LEADER.....*		10	1	4-32,35,	11	1.9	13,906	3.41	474	20	40	+100	-.08	-8	-4
09-18-63 1331709 3884242 5-71				41,65	15		13,628	3.64	496						
1460433 BURKE CREATION.....*		2	7	2-35,61	14	1.5	12,324	3.66	451	8	30	-621	+.08	-12	-26
12-13-63 1280015 3827428 5-71					13		14,447	3.43	495						
1460446 HEDEGARD BONANZA KING.....		1	68	1-93	68	1.0	16,440	3.58	588	7	24	-73	+.03	+2	0
01-26-64 1126307 5136034 5-71					41		17,061	3.46	590						
1460448 LITTLE RANCHE SKYLINER JOE....		1	14	1-61	14	1.1	12,273	3.62	444	0	20	-225	+.02	-6	-11
08-31-63 1244845 4569625 5-71					25		13,335	3.55	474						
1460455 FROMAGE COLONEL SOVEREIGN.....*		2	9	1-32	17	1.3	12,601	3.86	487	8	30	+95	+.03	+7	+8
01-31-64 010260599 4326509 5-71					24		12,097	3.80	460						
1460478 KOOIDALE ANONA TRUDY KEITH....		2	16	1-42	18	1.6	15,053	3.55	535	22	25	-186	-.01	-8	-11
10-27-63 1265694 5203210 5-71					37		16,003	3.61	577						
1460507 DALEFORD MASTER SOVEREIGN.....*		6	5	2-41,45	16	1.4	13,546	4.04	547	17	36	+146	+.10	+19	+20
11-11-63 1258673 5162375 5-71					14		13,051	3.77	492						
1460523 S C P ELIZABETHAN VICTOR.....*		2	20	1-56	24	1.3	15,016	3.47	521	19	26	+388	-.02	+11	+19
03-16-64 1355784 4555008 5-71					100		13,443	3.53	474						
1460541 BUENA VISTA HABERKORN FRONTIER*		1	11	1-35	11	2.1	13,842	3.35	464	10	23	+47	-.05	-5	-3
01-01-63 1292880 4372537 5-71					18		13,602	3.60	490						
1460553 BRAEBURN ZEUS JACK.....*		1	10	1-21	10	1.9	14,904	3.66	545	0	22	+33	.00	+1	+2
01-24-64 1213164 3293545 5-71					68		14,843	3.67	544						
1460566 WINTERTHUR IVANHOE EDEN SELECT*	23-09	19	3	5-21,23,	30	1.3	15,866	3.57	566	25	56	+166	-.03	+2	+6
11-22-63 1189870 3942447 5-71				50,51,52	30		15,749	3.61	569						
1460567 BREEZY GLEN IVANHOE FRITZ.....*		9	8	3-22,52,	26	1.4	14,846	3.52	522	4	42	+149	-.04	0	+4
12-28-63 1189870 4305588 5-71				55	27		14,549	3.61	525						
1460581 UNH DAUNTLESS MAGICIAN.....*	35-05	87	3	9-11,12,	162	1.4	14,168	3.75	532	16	88	-667	+.06	-16	-31
10-23-63 1397517 2874989 5-71				33,35,41	20		15,038	3.70	557						
1460582 UNH CHIEF BENNEDICK.....*		5	7	2-12,13	15	1.7	15,673	3.60	564	29	32	+160	-.01	+5	+8
12-22-63 1397517 4668753 5-71					34		15,316	3.62	554						
1460596 RAYEVER TURK ROYAL BOY.....		2	7	1-35	12	1.4	12,033	3.51	422	**	27	-245	-.10	-23	-25
05-15-63 1257762 5107443 5-71					13		12,824	3.97	509						
1460607 CLOVERBROOK DUKE ROYAL.....*		2	7	2-41,42	10	1.5	15,255	3.66	558	10	24	+58	-.01	0	+2
01-04-64 1415847 5492913 5-71					12		15,131	3.74	566						
1460621 SCHOHANNA CAPTAIN KID.....	35-75	19	1	7-21,35,	23	1.6	17,726	3.39	601	10	57	+914	-.13	+14	+35
01-01-64 1242163 4115480 5-71				41,55,93	67		16,356	3.58	585						
1460623 SENSATION PILOT AOANTHA.....*		5	6	3-13,21,	12	1.8	16,340	3.67	599	10	31	+306	-.01	+10	+16
11-18-63 1278644 4580267 5-71				41	17		15,495	3.70	573						
1460632 LAUREL-HEDGE MASTER BENNY.....	35-75	34	1	11-21,23,	36	1.9	14,947	3.56	532	6	69	-30	-.02	-4	-4
10-31-63 1191921 4312582 5-71				35,41,93	42		15,108	3.60	544						
1460646 DU PAGE RIVER PIONEER SCOTTY..*		1	10	1-33	10	1.2	14,313	3.54	507	30	19	+117	-.02	+1	+4
01-21-64 1292880 4182429 9-70					19		13,657	3.68	502						
1460668 COBBLERS-BROOK PONTIAC.....		1	10	1-14	10	1.5	12,290	3.55	436	10	20	-194	-.02	-10	-13
11-07-63 1397752 5629243 5-71					27		13,203	3.72	491						
1460676 PREMIUM PABST A O ROWSDALE....*		2	8	1-61	11	1.6	11,480	3.65	419	27	25	-808	+.05	-22	-39
04-24-64 1383551 5444838 5-71					38		14,862	3.46	514						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1460693 TI-RO LEADER BURKE.....*		6	6	2-43,48	16	1.4	15,540	3.52	547	40	35		+472	-.02	+14	+24
12-10-63 1357762 4560824 5-71					17		14,203	3.57	507							
1460712 EAST BRANCH G V COMMANDER.....*		1	10	1-35	10	1.6	15,094	3.80	573	13	20		-306	+.01	-9	-15
01-21-64 1378594 3655008 5-71					9		16,910	3.77	637							
1460717 VINTAH MAGIC.....		1	10	1-87	10	1.6	14,109	3.13	442	**	21		-149	-.03	-10	-12
07-19-63 1223970 4748296 5-71					1		14,938	3.32	496							
1460719 HANNO PIONEER SUPREME.....*		1	10	1-21	10	1.5	13,158	3.73	491	22	20		-174	+.04	-1	-5
01-29-64 1292880 3758780 5-71					11		14,041	3.58	502							
1460725 EL PAJARO BENBURKE.....		2	19	1-93	21	1.1	19,011	3.43	653	5	23		+765	-.02	+24	+40
02-11-64 1199324 4440469 5-71					127		15,812	3.50	553							
1460761 LAVACRES REFLECTION PRESIDENT.*		3	10	1-93	14	1.3	18,503	3.57	660	14	24		+156	-.03	+2	+6
05-24-64 1382958 4720458 5-71					136		18,295	3.66	670							
1460765 EXRANCO REFLECTION MAPLE.....	93-03	2	12	1-93	14	1.7	17,363	3.54	614	14	25		+56	-.01	+1	+2
07-25-63 010229512 5111763 5-71					227		17,487	3.57	624							
1460771 KYLAND BOLO COUNT.....*		6	4	2-81,86	14	1.9	15,015	3.74	561	8	39		-24	+.07	+9	+7
09-20-63 1388256 3672478 5-71					19		15,205	3.57	543							
1460772 KYLAND DENVER CAPTAIN.....*		2	12	1-21	18	1.4	12,783	3.36	429	14	28		-265	-.05	-17	-21
02-04-64 1293254 4588404 5-71					25		13,704	3.58	490							
1460787 E M C DUBLIN IDEAL.....*		8	9	1-93	29	1.1	19,999	3.44	688	13	41		+1,376	-.05	+42	+71
01-20-64 1277613 5376040 5-71					42		16,952	3.51	595							
1460795 FOND HOPE SUPREME.....*		5	5	1-23	14	1.5	12,484	3.57	446	40	32		-297	-.03	-15	-20
05-07-62 1243697 5463073 5-71					19		13,346	3.72	496							
1460798 ELLINGDALE ADVENTURER.....	35-75	11	1	7-32,35,	13	1.6	16,052	3.69	592	0	43		+460	+.02	+20	+29
02-29-64 1182696 4292482 5-71				41,42,93	43		15,084	3.64	549							
1460809 PAWNEE FARM MAN-O-WAR SUPREME.	35-21	22	2	5-35,41,	28	1.9	14,157	3.64	515	11	62		-151	.00	-6	-9
08-02-63 1347065 3922841 5-71				42,47,84	21		14,454	3.65	528							
1460810 PAWNEE FARM MAN-O-WAR VOYAGEUR	35-21	24	1	5-35,41,	26	1.3	13,891	3.53	490	17	58		-244	-.05	-16	-20
10-10-63 1210507 3922840 5-71				42,43,47	20		14,356	3.64	522							
1460844 FOBES MONITOR BILL.....*		3	8	1-23	11	1.6	13,172	4.08	537	0	25		+32	+.06	+10	+9
02-16-64 1322069 4769862 5-71					21		12,942	3.82	494							
1460864 ROWEGAL-STAR SUNBURKE JULETTA.*		2	8	1-35	12	1.1	10,600	3.69	391	13	24		-250	+.02	-6	-11
10-19-63 1314449 4514834 5-71					9		11,394	3.60	410							
1460894 ESPLIN MAGIC MAGISTRATE.....	87-01	10	1	1-41	10	1.1	14,535	3.29	478	10	34		-9	-.07	-10	-9
11-14-63 1223970 4119439 5-71					22		14,633	3.49	510							
1460898 FOHON IDEAL DOUBLE.....*		3	9	1-41	12	1.5	15,494	3.52	546	36	25		+114	-.03	0	+3
04-30-63 1426384 5574980 5-71					14		15,155	3.64	551							
1460899 FOHON CHAMBRIC CHARMER.....*		3	17	2-41,42	22	1.5	15,288	3.39	519	24	27		+56	-.06	-6	-4
10-01-63 1276654 5005672 5-71					9		15,209	3.62	551							
1460900 COMRE FOHON BLACK BEAUTY.....		1	11	1-41	11	1.6	14,066	3.97	559	40	21		-271	+.07	0	-7
11-26-63 1242338 5574978 5-71					19		15,533	3.66	568							
1460902 OAGES NC DONALD CREATOR ADAM..		1	33	1-31	33	1.5	16,031	3.25	521	16	25		+264	-.05	+3	+9
05-05-63 1227684 5251638 5-71					58		15,084	3.37	509							
1460963 HAWTHORN CAPTAIN BURKE.....		1	11	1-33	11	1.8	12,752	3.63	463	0	22		+202	-.02	+5	+9
04-04-63 1144239 4014627 9-70					67		11,599	3.72	431							
1461004 DEW DEC RAG APPLE GALLANT.....*		1	18	1-21	18	1.3	15,380	3.63	558	8	22		+73	+.03	+7	+8
02-14-64 1329588 5436394 5-71					47		15,173	3.49	529							
1461024 HEERSCHE SKYHAWK D BEAUTY.....*		2	10	1-48	17	1.5	14,845	3.57	530	12	30		+24	-.01	0	+1
09-26-63 1289574 4045535 5-71					15		14,855	3.58	532							
1461025 HEERSCHE SKYHAWK POLKADOT MIN.*		1	16	1-73	16	1.5	15,146	3.55	538	31	23		+98	.00	+4	+6
11-24-63 1289574 3662679 5-71					44		14,798	3.53	522							
1461055 ASHCOMBE SKOKIE JESS.....*		6	2	2-23,54	10	1.5	13,635	4.06	553	38	33		-372	+.10	0	-10
12-15-62 1298378 4771776 9-70					33		14,859	3.77	560							
1461058 BUDD IVANHOE LEO.....*		1	17	1-23	17	1.5	13,310	3.74	498	13	23		-389	+.02	-11	-19
01-01-64 1420215 5283731 1-71					13		15,159	3.67	556							
1461109 RETTOP COPILOT.....*		3	7	1-11	12	1.3	12,261	3.54	434	80	25		-937	+.02	-31	-50
12-28-63 1287412 4676148 5-71					11		16,209	3.51	569							
1461114 CLOVERTOP PERSEUS KNIGHT.....*		1	38	1-51	38	1.5	16,006	3.57	572	8	26		+264	-.05	+3	+9
02-17-64 010260599 3740975 5-71					22		15,083	3.75	566							
1461115 FERRUM BARON.....		1	10	1-52	10	1.8	13,468	2.85	384	0	21		+174	-.08	-5	0
05-14-64 1308796 4591966 5-71					9		12,505	3.22	403							
1461122 RAY-LOU KRIS KRINGLE.....*		3	21	1-21	25	1.4	14,815	3.88	575	33	26		-435	+.09	-3	-14
01-07-64 1378594 4112322 5-71					40		16,763	3.58	600							
1461127 VINCENT MOOSEHEART P STAR.....*		1	10	1-23	10	1.2	13,529	3.24	439	0	19		-70	-.03	-6	-7
04-10-64 1292880 4525083 5-71					6		13,909	3.41	474							
1461158 HOLTEX ORMSBY REFLECTOR.....		2	28	1-74	37	1.7	16,295	3.79	618	11	31		-73	+.02	0	-2
11-13-63 1298831 4296983 5-71					92		16,825	3.74	630							
1461213 SIBU DEAN BURKGOV.....	21-10	81	2	7-11,12,	126	1.9	15,481	3.61	559	12	87		+578	-.07	+11	+24
06-18-63 1038509 3648989 5-71				13,14,16	25		14,914	3.69	551							
1461234 AMES-WAY DOUBLE CRUSADER.....*		3	11	1-35	16	1.8	13,723	3.61	496	7	29		+58	-.02	-1	+1
01-15-64 1303076 3998529 5-71					14		13,474	3.73	502							
1461238 CINOY ROYAL ADMIRAL.....		3	14	1-55	31	2.3	14,196	3.58	508	0	42		+90	-.02	+1	+3
12-22-61 1214152 5394750 5-71					14		13,986	3.62	506							
1461245 HAGEMANS ICHABOD CRISSCROSS...*		2	28	1-35	30	1.4	14,053	3.59	505	3	26		+61	+.01	+3	+4
01-03-64 1378594 4204784 5-71					13		13,800	3.57	493							
1461261 VIJON PRIDE FOBES.....*		1	12	1-33	12	2.4	13,686	3.70	507	0	24		-71	+.01	-1	-3
02-25-64 1425695 5192222 5-71					18		13,997	3.69	516							
1461269 PACLAMAR ECHO EDSKO.....*		4	11	1-84	16	1.3	16,179	3.34	540	13	27		+117	-.04	-1	+2
04-30-64 1429821 5422866 5-71					22		15,940	3.46	551							
1461298 SPRINGIVA GENERAL.....		1	25	1-21	25	1.5	12,130	3.51	426	**	24		-399	+.01	-13	-21
02-15-63 1215402 5009474 5-71					22		13,752	3.49	480							
1461363 LEA-VISTA REFLECTION NEO.....*		1	26	1-23	26	2.0	13,575	3.76	510	0	26		+20	.00	+1	+1
09-28-62 1321903 3569681 5-71					39		13,449	3.75	505							
1461369 B O I SKOKIE PAUL LANCE.....*	21-10	34	2	6-12,13,	49	1.3	14,673	3.79	556	7	71		-7	+.08	+11	+9
05-15-64 1282185 4821869 5-71				14,21,51	23		14,766	3.69	545							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1461370 B D I QUIZ ANCHOR ANCEL.....*		5	12	2-51,52	23	1.0	16,289	3.68	599	14	31	-195	.00	-7	-11
05-16-64 1242816 5246558 5-71					25		17,256	3.70	639						
1461371 B D I TOGUS PRINCE LUCKY.....*		1	20	1-23	20	1.1	13,836	3.83	530	21	21	-227	+.06	0	-6
05-14-64 1181029 5246546 5-71					50		15,023	3.59	540						
1461383 HOMESTEAD FARM FOND DEAN-TWIN.*		14	1	5-12,13,	16	1.4	15,309	3.29	504	15	47	+188	-.16	-16	-8
03-25-64 1243697 3868409 5-71				14,16,21	22		15,016	3.62	544						
1461404 SHER-MAR FOND HOPE PEPCANO....*		3	6	1-21	11	1.1	15,139	3.66	554	20	24	-51	+.01	0	-1
01-26-64 1243697 4883747 1-71					38		15,510	3.60	559						
1461412 COCHRAN REFLECTION MARKSMAN...*		3	9	1-21	12	1.5	14,496	3.77	546	17	25	-208	+.05	-1	-6
03-11-64 1270143 4578249 5-71					19		15,491	3.62	561						
1461450 MILMAY ROSNI CONQUEROR PABST..	35-75	22	1	9-13,21,	26	1.8	16,837	3.53	595	9	61	+759	-.06	+18	+35
02-08-64 1296729 4471882 5-71				35,87,93	46		15,771	3.63	572						
1461461 CHAMBRIC CITATION FOND FELLA..*		1	35	1-32	35	1.4	16,002	3.61	577	12	25	+260	-.02	+7	+13
03-06-64 1425137 5601659 5-71					19		15,071	3.69	556						
1461504 LOCHEVALE PAW PRIDE.....*		2	11	1-31	14	1.9	14,828	3.80	563	38	26	-154	+.03	-2	-6
02-24-63 1366110 4303474 5-71					32		15,583	3.73	582						
1461530 AUBER OEAN ORMSBY.....	35-75	28	1	13-21,35,	30	1.7	16,281	3.53	574	12	65	+623	-.04	+16	+29
02-14-64 1085978 3608815 5-71				51,55,93	67		15,468	3.58	554						
1461538 MCI OEWOROP GRAN KING.....*		1	13	1-31	13	1.8	17,061	3.63	620	8	23	+206	-.01	+6	+10
10-15-63 1398429 4825187 5-71					33		16,392	3.67	602						
1461546 NATHAN BELL WHIZ.....*		1	16	1-93	16	1.5	15,857	3.32	527	20	22	-118	-.02	-7	-9
09-12-62 1144239 4437557 5-71					66		16,663	3.43	571						
1461555 HALF MOON FARMS ALL STAR.....		1	15	1-21	15	1.9	14,331	3.51	503	27	24	-300	-.02	-14	-19
06-03-62 1085978 4531106 5-71					21		15,796	3.63	574						
1461558 RAVENGLEN ALFREO TRIUNE.....*		1	32	1-33	32	1.8	12,717	3.46	440	3	26	-20	-.03	-5	-5
04-13-63 1370471 4502698 5-71					6		12,672	3.61	457						
1461564 LONOON OICTATOR SUPERIOR VOPAZ*		3	20	1-31	24	1.5	15,070	3.74	564	38	27	-343	+.01	-11	-18
04-07-64 1305366 4810153 5-71					72		16,639	3.72	619						
1461571 ROSNI CONQUEROR KORNOYKE HALE.*		4	7	2-52,55	12	1.2	17,142	3.59	616	0	25	+426	-.04	+10	+19
02-10-64 1296729 4101877 5-71					33		15,612	3.73	583						
1461578 FINEVIEW K B O P TONY.....	35-75	31	1	10-21,23,	39	1.7	15,879	3.74	594	9	69	+468	+.10	+31	+38
03-24-64 842876 4392670 5-71				35,55,93	82		15,343	3.62	555						
1461592 KLEVER FOND OESIGN.....*		2	9	1-31	11	1.6	13,206	3.76	497	20	23	-262	+.03	-5	-11
08-04-63 1243697 5065426 9-70					14		14,419	3.65	527						
1461596 LIME HOLLOW IVANHOE TOP-TWIN..	35-75	20	1	6-13,35,	24	1.3	14,114	3.56	503	35	56	-613	-.03	-26	-37
02-29-64 1189870 4423890 5-71				55,91,93	99		15,361	3.63	557						
1461597 LIME HOLLOW IVANHOE TYPE-TWIN.	35-75	17	1	9-33,41,	20	1.5	14,578	3.83	558	13	52	-248	+.13	+9	+1
02-29-64 1189870 4423890 1-71				55,87,91	134		15,177	3.58	544						
1461600 OKLASTAPEN GOVERNOR TIOY.....*		1	14	1-73	14	1.5	14,397	3.45	497	36	22	-101	-.02	-6	-8
11-30-63 1368201 3927783 5-71					48		14,970	3.54	530						
1461617 WAYNEOALE WORTHY ARISTOCRAT...*		1	11	1-41	11	1.6	11,750	3.64	428	30	21	-215	+.02	-5	-10
06-26-63 1124780 3899171 5-71					20		12,658	3.56	451						
1461641 CROUSEOALES PIONEER.....*		5	7	1-55	15	1.8	16,706	3.55	593	0	33	+269	-.06	+1	+8
05-23-63 1292880 4194679 5-71					20		16,115	3.72	599						
1461649 HAYSSEN FOND ARISTOCRAT.....*		8	1	7-16,21,	10	1.1	13,109	3.76	493	17	33	-309	+.05	-4	-11
05-06-64 1250992 5130964 5-71				23,34,74	137		14,070	3.62	509						
1461650 RO-RIA ECHO POINT GENERAL.....*		2	15	2-23,41	20	1.2	11,842	3.66	433	19	26	-246	-.02	-11	-16
12-26-63 1215402 4517316 5-71					80		12,681	3.77	478						
1461664 GREENVIEW GENE BUTCH.....*		3	9	1-21	13	1.3	16,528	3.44	569	8	24	+387	-.02	+11	+19
10-12-63 1403164 4811234 5-71					15		15,037	3.49	525						
1461740 HICKORYRILL SPAN HANK.....	21-10	29	1	3-13,21,	29	1.6	15,241	3.58	545	12	63	+194	+.01	+8	+12
12-19-63 1239886 4912779 5-71				74	29		15,045	3.56	535						
1461746 SOUTH BRANCH COMRE OUKE-TWIN..		2	20	1-41	30	1.3	13,799	4.12	568	10	30	-103	+.04	+2	-1
03-25-64 1242338 4787462 5-71					9		14,170	4.00	567						
1461751 FLOWER CLIMAX ORMSBY CORONET..*		1	19	1-47	19	1.7	15,852	3.64	577	0	24	+113	.00	+4	+6
01-11-64 1406895 4301900 5-71					76		15,551	3.66	569						
1461806 THE-LONG-VIEW AOMIRATION STAR.*		2	8	1-42	10	1.3	14,440	3.62	523	67	21	-87	-.02	-6	-7
01-11-64 1456564 4056045 5-71					9		14,967	3.74	560						
1461827 SKOKIE FAMOUS COMMANOO.....*		3	9	1-32	19	1.5	15,298	3.62	554	18	34	+167	.00	+6	+9
01-02-64 1402755 5168305 5-71					11		14,896	3.63	540						
1461858 HOOSIER SOVEREIGN JOYMAN.....*		1	18	1-32	18	1.4	14,654	3.78	554	24	22	-410	+.06	-6	-16
08-11-63 1362410 4237395 5-71					8		16,783	3.53	593						
1461897 MILLERHURST WONOERCROSS.....*	21-10	240	3	9-11,13,	401	1.2	13,066	4.07	532	29	94	-2,102	+.42	-26	-76
11-20-63 1378594 3676235 5-71				14,16,21	24		15,446	3.67	567						
1461911 OIX X TORO.....*		1	29	1-35	29	1.1	13,315	3.74	498	21	23	-152	.00	-5	-8
03-07-64 1419633 4975375 1-71					55		13,997	3.76	526						
1461937 HEATHERSTONE FAIRY GOLD.....*		6	5	2-12,35	15	1.4	12,987	3.81	495	33	35	-601	-.04	-27	-38
10-28-63 1331314 4923936 1-71					19		14,804	3.95	585						
1461939 TYLER FARMS GALLANT FASHION...*		1	14	1-12	14	1.4	17,836	3.75	668	17	22	+423	-.02	+12	+21
03-02-64 1329588 3814798 5-71					17		16,083	3.87	623						
1461940 TYLER FARMS SENATOR.....*		5	11	3-13,16,	21	1.3	15,636	3.72	582	21	31	-417	-.05	-22	-29
04-22-64 1252985 3742261 5-71				21	26		17,304	3.88	671						
1461961 BROOK LOOGE IVANHOE MAX.....		2	7	1-51	10	2.0	11,508	3.85	443	10	26	-428	+.06	-8	-18
03-05-64 1392774 4312463 5-71					12		13,078	3.65	477						
1461977 SPARKO ROBURKE CELEBRATE.....*		1	16	1-34	16	1.9	13,898	3.73	518	0	24	-132	+.02	-2	-5
01-01-64 1413809 4506639 5-71					16		14,511	3.69	535						
1461984 AOMIRAL IMPERIAL CHIEF.....*	33-03	2	9	1-21	11	1.3	17,698	3.40	601	0	21	+391	-.04	+8	+17
01-10-64 1237057 5314124 5-71					15		16,083	3.54	569						
1461986 PINEHURST AOMIRAL ATLAS.....		1	15	1-46	15	1.3	18,301	3.52	645	13	21	+797	-.07	+18	+36
01-25-64 1401693 3499826 1-71					7		14,649	3.86	566						
1461997 B-PAULEY GALLANT SIR JULE.....*		1	14	1-41	14	1.4	12,562	3.40	427	15	21	+147	-.03	+1	+5
01-09-64 1329588 5221405 5-71					8		11,634	3.55	413						
1462001 KEYSTONE IVANHOE JUNO.....*		11	10	5-11,13,	51	1.4	17,274	3.61	624	6	56	+556	-.08	+9	+22
12-23-63 1189870 4858997 5-71				16,23,51	27		16,534	3.75	620						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1462040 EOGEWOOD HALL ELSIE OSBORNOALE*		2	12	2-88,93	14	1.6	19,592	3.58	701	7	24	+633	+.04	+28	+40
01-10-64 1189870 4788638 5-71					23		17,302	3.42	592						
1462042 SILVERY-FALLS HI HOPE CLEM....*		1	20	1-21	20	1.6	13,966	3.67	512	11	24	-161	.00	-6	-9
12-16-63 1250992 5219868 5-71					25		14,729	3.71	547						
1462049 BROOKSIDE-VUE AAGGIE K LYNDON.*		1	12	1-23	12	1.5	12,672	3.51	445	25	21	-198	.00	-7	-11
01-09-64 1291028 5047072 5-71					26		13,593	3.53	480						
1462050 WILLOW FARM TIDY CHIEF MASTER.	21-10	23	1	4-11,13,	24	1.3	14,793	3.66	541	5	57	+51	+.01	+3	+4
01-12-64 1397517 3923439 5-71				14,21	20		14,787	3.65	540						
1462057 MEARS MODEL TOPPER.....*		1	16	1-21	16	1.6	14,386	3.48	501	38	23	-116	-.06	-12	-13
04-14-64 1216668 4760028 5-71					41		15,000	3.74	561						
1462063 WINTERCREST FONO LUCK.....*		1	18	1-21	18	1.4	14,517	3.29	477	0	22	+26	-.06	-8	-6
09-01-63 1243697 3983167 5-71					18		14,453	3.58	517						
1462086 MINNEQUA VICTOR MOOIE.....*		1	10	1-23	10	1.7	16,740	3.67	614	0	21	+98	.00	+3	+5
12-11-63 1251678 4730902 5-71					12		16,531	3.70	612						
1462108 PIPER VIEW R A MAPLE DON.....*		1	12	1-35	12	1.3	16,369	3.46	567	11	20	+202	-.04	+2	+7
04-01-64 1386406 3868507 5-71					15		15,503	3.64	565						
1462111 RIVERSTEAO A8C MY-AFTON.....*		8	6	2-35,85	25	1.6	13,392	3.82	511	13	45	-246	+.03	-5	-11
05-11-63 1331314 4425635 5-71					19		13,937	3.78	527						
1462141 EHRS POLLY ELOER.....		1	12	1-47	12	1.3	15,073	3.83	577	30	20	-25	+.04	+4	+3
08-16-63 1343088 3601613 5-71					8		15,344	3.66	562						
1462144 ROSESIDE BUTTER BOY EMPEROR...*		2	5	1-82	10	1.8	14,136	3.28	463	20	28	+331	-.07	+2	+10
05-24-63 1264911 3991783 5-71					14		12,835	3.50	449						
1462166 HOWE HAVEN MODEL DAWSON.....*		6	10	2-12,13	22	1.4	16,428	3.90	641	16	35	-203	+.12	+9	+2
01-20-64 1392654 4789003 5-71					18		17,352	3.62	629						
1462168 OUR BLACK DIAMOND.....*	35-05	156	3	10-33,35,	273	1.3	14,882	3.76	559	13	92	-30	+.10	+13	+10
10-28-63 1378594 5179452 5-71				41,42,93	20		15,024	3.65	549						
1462176 FRAN-LOU MAGICIAN.....*		9	14	2-21,23	36	1.2	17,436	3.22	562	15	40	+344	-.09	-1	+8
03-21-64 1395000 5411179 5-71					23		16,877	3.40	574						
1462179 TOTERA UNITE.....*		4	7	1-52	13	1.2	14,727	3.64	536	8	27	-61	+.04	+3	+1
05-24-64 1244845 4699936 5-71					45		15,067	3.50	527						
1462184 SHANGHIGH ROSA MAPLE JOE.....		2	14	1-31	16	1.4	9,988	3.88	388	25	23	-302	+.01	-10	-16
10-15-63 1338862 4509371 5-71					21		10,992	3.88	426						
1462187 TRUNLAN IVAN ROSE MAGICIAN....*		6	7	2-13,21	15	1.3	17,802	3.81	679	7	30	-4	+.12	+16	+13
03-28-64 1403693 4126573 5-71					37		18,249	3.51	640						
1462196 NSH PARTNER ROBARTA STAR.....*		9	2	2-41,47	12	1.5	16,956	3.39	574	38	39	+682	-.11	+8	+24
02-11-64 1173577 4629637 5-71					31		15,353	3.64	559						
1462206 REGENT ROYAL PETE.....*		3	9	1-43	12	1.2	13,798	3.43	473	20	23	+83	-.03	-1	+1
08-09-63 1285716 5528149 5-71					46		13,381	3.57	478						
1462211 CHARL-WIN ROYAL BLEND.....*		1	46	1-32	46	1.2	12,249	3.50	429	7	24	-69	-.03	-6	-7
09-18-63 1397752 5577551 1-71					23		12,378	3.67	454						
1462212 CHARL-WIN ORMSBY PONTIAC.....*		3	8	3-32,56,	11	1.5	15,110	3.60	544	18	24	-24	+.01	+1	0
10-09-63 1397752 3535774 5-71				65	9		15,353	3.55	545						
1462218 HARDEN FARMS AAGGIE WOOOY.....*		6	2	1-23	10	2.1	13,217	3.49	461	0	36	-491	-.08	-28	-36
05-22-63 1222989 4114899 5-71					20		14,662	3.73	547						
1462228 SAN QUENTINS HI HOPE PAT.....		1	12	1-93	12	1.0	17,938	3.20	574	0	19	+55	-.02	-1	+1
01-01-64 1250992 4549049 5-71					130		18,053	3.29	594						
1462250 SUN ACRES ADMIRAL JEWELED.....		1	16	1-91	16	1.0	15,223	3.54	539	0	20	+90	+.01	+5	+6
07-07-63 1237057 5349348 5-71					12		14,864	3.47	516						
1462280 WAPA FONO MAJOR.....*		4	4	2-31,56	11	2.0	14,041	3.70	520	10	33	-210	+.03	-3	-8
09-23-63 1243697 4534921 5-71					25		14,770	3.63	536						
1462299 PRETZ BURKE USEFUL BEST.....		1	25	1-48	25	1.0	11,258	3.60	405	7	22	-103	+.03	0	-3
05-01-64 1415015 3912805 5-71					27		11,494	3.49	401						
1462318 FRIENDHAVEN ADMIRAL REX.....*		3	8	1-51	11	1.3	14,317	3.36	481	**	23	+43	-.02	-1	0
08-31-63 1410509 5221564 1-71					49		14,156	3.46	490						
1462338 DIBBLE CRUSADER CADET.....		1	16	1-35	16	1.3	12,914	3.56	460	60	22	+228	-.02	+5	+10
04-17-64 1452550 5344738 5-71					7		11,621	3.68	428						
1462355 TEXAL PINEHURST TOPPER.....*		3	8	2-35,73	18	1.5	15,072	3.69	556	6	34	+254	.00	+9	+14
08-01-63 010284553 5838307 5-71					20		14,365	3.71	533						
1462361 S R F PECATONICA LON ROBURKE..*		3	10	2-35,42	14	1.1	17,356	3.50	608	14	23	+481	-.05	+10	+21
12-09-63 1237057 4868648 5-71					27		15,421	3.70	570						
1462362 PECATONICA JANSON NOEL REGAL..		1	12	1-35	12	1.2	13,115	3.68	483	0	19	-148	+.02	-2	-6
01-13-64 1373055 3374537 5-71					16		13,874	3.60	499						
1462368 SIR SKOKIE P M PRINCE.....*		1	21	1-32	21	1.4	13,194	3.69	487	5	23	+373	-.02	+10	+18
06-02-64 1214152 4247430 5-71					10		11,309	3.86	436						
1462419 FOUR KNOLLS SKY LU.....	35-75	31	1	10-21,23,	36	1.5	15,267	3.48	531	9	67	-61	-.10	-16	-15
07-02-64 1244845 3600314 5-71				35,41,55	38		15,518	3.62	562						
1462443 EHREDT INKA TOVARICH.....*		1	10	1-35	10	1.3	14,753	3.86	570	50	19	-204	+.03	-3	-8
01-13-64 1349409 4818939 5-71					3		16,033	3.74	599						
1462448 KANEMEAD MARTY JO JO.....		1	18	1-21	18	1.4	15,695	3.43	538	17	23	+154	-.04	0	+4
11-25-63 1402821 4943952 5-71					16		15,133	3.57	540						
1462450 LEONS CONNIE RAZETT DIAMOND...*		1	14	1-87	14	1.9	15,657	3.81	597	0	24	+267	+.02	+13	+18
02-07-64 1240549 3732027 1-71					8		14,586	3.75	547						
1462468 MAYERS OUKE PRINCESS SON.....*		17	13	6-31,32,	51	1.3	13,792	3.71	511	13	50	-854	.00	-31	-48
08-26-63 1293580 4386831 5-71				35,41,45	15		15,661	3.72	582						
1462486 GLENAFTON RAG APPLE LAIRO.....*		8	16	3-34,35,	36	1.3	14,182	3.60	510	53	38	-391	+.01	-13	-21
08-08-63 1378594 011155492 5-71				58	17		15,370	3.59	552						
1462521 CLEMSON JESS MISSILE.....*		2	15	1-56	22	1.7	13,330	3.81	508	14	30	-353	+.03	-9	-17
01-28-64 1216957 4431519 5-71					28		14,559	3.76	547						
1462537 TIERNEY BEV.....*		6	28	3-52,54,	37	1.4	15,770	3.71	585	9	29	-14	+.04	+5	+4
03-04-64 1419662 5170121 5-71				63	43		16,028	3.59	575						
1462558 CAR-MONT CHEM K-TWIN.....*		2	8	1-23	10	1.3	14,712	3.68	541	10	21	-231	+.01	-7	-12
12-18-63 1389471 4453855 1-71					9		16,027	3.68	590						
1462564 DUMBELLE SUPREME ADMIRAL.....*		1	14	1-23	14	1.9	16,781	3.56	598	14	23	+228	-.01	+7	+12
10-13-63 1207770 5633549 5-71					16		16,003	3.60	576						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	%	FAT	% 1ST LAC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1462565 OAKWOOO-HAVEN FO8ES R A TO8Y..*		3	11	2-23,35	15	1.4	13,788	3.63	501	7	25	+55	-.01	0	+1
11-13-63 1420414 5019291 1-71					15		13,524	3.71	502						
1462595 8SH IRON LIEGE LAVACRES.....	35-21	46	2	6-35,41,	61	1.1	12,930	3.69	477	22	74	-1,021	+.02	-34	-55
01-27-64 1291499 4982412 5-71				42,47,48	18		14,346	3.67	527						
1462596 8SH CLEM TEXAL LIEGE.....		1	14	1-47	14	1.6	12,714	3.56	453	7	22	-159	-.02	-8	-11
03-21-64 1300012 5086630 5-71					21		13,388	3.68	493						
1462599 SCOTTSCREST SUGAR MAN.....*		1	24	1-32	24	1.4	16,774	3.71	623	4	24	+68	+.03	+6	+7
01-03-64 1258673 4509741 5-71					13		16,766	3.62	607						
1462615 COLO S U FIRE.....	35-75	100	2	26-21,23,	137	1.2	14,139	3.78	534	18	86	-714	+.16	-5	-23
11-13-63 1243697 3420439 5-71				32,35,41	36		15,080	3.61	545						
1462659 PLAINSITE DUKE OLIVE.....*		1	15	1-35	15	1.5	14,253	3.89	555	20	22	-472	+.08	-6	-17
04-24-64 1293580 4191211 5-71					20		16,642	3.59	597						
1462671 SHADY MEADOW FOND HOPE.....*		3	10	2-23,51	14	1.4	13,139	3.77	495	15	25	-359	+.04	-8	-16
03-25-63 1243697 4961992 5-71					29		14,667	3.63	533						
1462677 MANCRYCO OIXIE RICH-HERD.....*		4	4	1-42	11	1.4	11,348	3.60	408	**	30	-319	-.03	-15	-21
12-06-62 1384371 4562184 5-71					7		12,262	3.74	459						
1462693 GRAMHOME SENATOR MONTE.....		2	12	1-35	14	1.5	17,104	3.20	548	8	24	+331	-.06	+3	+11
01-12-64 1252985 4941496 5-71					24		15,895	3.38	537						
1462697 ESTEEM 8 F ECHO IKE-TWIN.....*		3	12	1-93	16	1.5	17,172	3.69	633	25	26	-73	.00	-3	-4
01-23-64 1404688 4921057 5-71					106		17,850	3.72	664						
1462703 DUNCO CRUSAOER CHARLIE-TWIN...*		4	13	2-35,63	23	1.4	15,174	3.62	549	23	32	+260	-.04	+3	+9
07-27-63 1014925 4748059 5-71					25		14,403	3.76	542						
1462721 ST CROIXCO GALE.....*	33-03	5	9	2-35,41	18	1.9	17,498	3.61	631	0	35	+411	-.10	0	+11
12-21-63 1411048 5337489 5-71					18		16,583	3.91	649						
1462723 ST CROIXCO SKY ROCKET.....	35-21	25	1	5-35,41,	31	1.6	15,543	3.66	569	3	64	+513	-.02	+15	+26
12-28-63 1419629 5518190 5-71				42,47,74	19		14,825	3.72	551						
1462730 LANGVIEW RAG APPLE STAMPEOER..	91-13	25	9	5-82,87,	63	1.5	16,428	3.54	581	**	63	+606	-.02	+19	+31
07-12-63 010218036 011243863 5-71				91,92,93	34		15,630	3.56	556						
1462751 AYLMER OLLA MAPLE 8UD.....*	23-11	118	2	5-12,21,	179	1.6	14,867	3.70	550	16	90	-41	+.01	0	-1
11-21-63 010218036 011405867 5-71				22,23,35	24		15,022	3.69	555						
1462757 AIR CREST GLENAFTON REVELATION*		4	6	1-35	11	1.3	14,038	3.69	518	9	25	+144	-.04	0	+4
03-22-64 1055021 6001817 5-71					28		13,417	3.87	519						
1462760 PROGRESSIVE MELODY MASTER.....	35-75	16	1	10-23,32,	20	1.5	15,052	3.73	561	22	52	+67	+.02	+5	+6
04-18-64 1000390 4863852 5-71				35,41,52	26		15,031	3.71	557						
1462768 SKOKIE CELE8RITY.....	33-03	98	2	23-21,23,	150	1.0	14,745	3.84	566	11	87	-477	+.21	+11	-1
10-19-63 1282185 3425213 5-71				35,41,93	26		15,447	3.62	559						
1462793 LANGE ROYAL STERLING.....*		1	10	1-34	10	1.7	11,188	3.70	414	40	21	-230	.00	-8	-13
12-25-62 1407938 4499324 1-71					10		12,121	3.75	454						
1462798 KIRKS GALLANT STAR.....*		3	6	1-31	15	1.5	16,431	3.67	603	13	33	+1	+.03	+4	+3
11-26-63 1329588 4989102 5-71					15		16,704	3.60	601						
1462820 LAO8ROOK PARAGON OOSTIE A8E...*		1	11	1-35	11	1.1	12,141	3.70	449	40	19	-318	+.01	-10	-17
02-12-64 1413083 5118713 5-71					18		13,849	3.69	511						
1462822 NICOLK 8OLD RAVEN MISTER.....*		6	7	3-21,35,	25	1.6	14,343	3.70	531	17	43	-834	+.01	-29	-46
12-19-63 1282936 4981428 5-71				51	26		16,536	3.69	611						
1462835 PUGIS 8URKGOV DE KOL.....*		2	6	1-91	12	1.1	14,514	3.20	465	18	26	+167	-.09	-7	-1
05-23-64 1038509 5402147 5-71					18		13,869	3.56	494						
1462836 APACHE REFLECTION PAPOOSE.....*	33-03	37	44	16-21,23,	113	1.4	15,927	3.33	531	15	46	+243	-.05	+1	+7
01-05-64 1459996 5750662 5-71				35,86,93	88		15,562	3.42	532						
1462841 PLATZ HONEYMAN NO8LY.....*		3	7	1-33	13	2.2	15,865	3.52	558	0	32	+23	-.03	-4	-3
10-10-62 1265694 4285208 5-71					20		15,999	3.64	582						
1462852 OON AUGUR F M EUTOPIA-TWIN....*	35-05	2	23	2-33,35	25	1.4	15,133	3.81	577	10	25	+60	+.03	+7	+7
07-22-63 1305460 4767302 5-71					8		14,996	3.69	553						
1462853 DON AUGUR P R MIRACLE-TWIN....*		11	2	3-33,35,	15	1.5	13,288	3.40	452	15	44	-394	-.15	-34	-38
07-22-63 1305460 4767302 5-71				42	13		14,219	3.77	536						
1462856 EASTHAVEN MUTUAL ONE.....		2	9	1-32	18	1.2	13,376	3.33	446	0	31	+353	-.03	+9	+17
05-09-64 1357090 5007972 5-71					18		12,026	3.38	407						
1462857 KUEGELS HIGH STANDARD.....		2	24	1-61	45	1.4	13,806	3.58	494	12	37	-268	+.01	-8	-14
12-25-63 1237277 4403590 5-71					55		14,606	3.56	520						
1462873 KOOI MAX PEORO.....		3	35	1-93	57	1.1	16,364	3.70	605	4	33	-185	+.01	-5	-9
12-16-63 1382768 4467711 5-71					38		17,260	3.68	635						
1462907 MODEL ORMS8Y DON.....*		4	6	2-12,13	11	1.4	13,037	3.64	475	60	26	-39	.00	-1	-2
01-15-63 1216668 4180852 5-71					11		13,104	3.66	480						
1462916 DIXIEOEL MISTY JONES.....*		3	8	2-50,52	11	2.2	13,346	3.75	501	18	27	-321	+.03	-7	-14
01-31-64 1316590 4949559 5-71					25		14,595	3.65	533						
1462917 AIR VIEW LAKEFIELD SEGIS.....*		3	5	1-32	10	1.8	13,969	3.64	509	14	28	+73	-.02	0	+2
06-27-63 1243697 4355504 5-71					20		13,686	3.73	510						
1462927 TRIPLE 8RIDGE LIZA 8ELL 8OY...*		9	4	3-12,14,	19	2.3	14,698	3.86	567	0	48	+10	+.09	+13	+11
08-23-62 1334748 4602810 5-71				16	27		14,760	3.69	544						
1462930 SUNRISE ACRES CRISSCROSS KING.*		2	13	1-21	17	1.6	16,023	3.64	583	25	26	-20	+.05	+6	+4
12-06-63 1378594 4315738 5-71					21		16,343	3.47	567						
1462946 8ARLINA CRISSCROSS FIVE STAR..*	35-03	109	3	9-21,23,	212	1.3	13,813	3.93	543	19	90	-813	+.19	-4	-24
01-20-64 1378594 3584804 1-71				33,35,43	22		14,804	3.74	553						
1462954 SA8INA MAMIER DAINE.....		1	12	1-11	12	1.1	13,242	3.67	486	0	19	+136	-.01	+4	+7
03-16-64 1244185 4527534 1-71					54		12,370	3.74	463						
1462964 R A LOCHLAWN NEOMAN.....*		6	22	1-41	31	1.9	14,236	3.65	519	19	32	-305	.00	-11	-17
09-05-62 1402113 3439514 5-71					10		15,323	3.67	563						
1462966 LOCHLAWN R A IMPERIAL.....*		3	14	1-41	21	1.9	15,623	3.94	615	0	31	+81	+.03	+7	+8
12-07-63 1402113 5480931 5-71					13		15,519	3.87	601						
1462967 LOCHLAWN R A LUSTER.....*		5	20	3-41,42,	29	1.5	13,605	3.63	494	14	31	-95	-.03	-7	-8
01-03-64 1402113 5273892 5-71				46	12		13,918	3.76	523						
1462968 LOCHLAWN FUTURE AM8ASSAOOR....		1	24	1-41	24	1.7	16,689	3.79	632	26	25	+113	+.05	+11	+12
01-09-64 1436447 5533009 5-71					10		16,491	3.62	597						
1462980 WESTCREST AOMIRAL LANCER.....		3	5	1-35	10	1.3	12,173	3.83	466	0	25	-476	+.02	-15	-25
09-03-63 1080108 4586760 5-71					12		14,096	3.78	533						

REGISTRATION NUMBER / NAME / SIRE / BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK MILK	% %	FAT FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1462985 REGALAND PIONEER SWEET BASIL..*		2	8	1-21	13	1.6	19,287	3.47	669	25	27	+546	.0D	+2D	+31
07-25-63 1292880 460D856 5-71					9		17,624	3.44	6D6						
1462995 KERNDT MANCRYCO FOBES.....		4	5	1-42	15	1.6	15,473	3.46	535	20	36	+471	-.D7	+7	+18
11-24-63 1261266 4983153 5-71					15		14,193	3.64	516						
1463022 BREEZAC FONO GOLIATH.....*		2	26	1-21	28	1.3	14,199	3.62	514	7	25	+44	+.02	+5	+5
D3-20-64 1243697 4948998 5-71					118		14,03D	3.52	494						
1463024 COZY CORNER UNA VENTURE.....*		3	4	1-35	11	1.3	15,634	3.7D	579	0	29	+45	+.D2	+4	+4
09-25-63 1314767 4383819 5-71					15		15,652	3.65	572						
1463035 GILESVIEW PRIDE ADMIRAL.....*		5	3	1-42	11	1.4	11,877	3.39	4D3	11	32	-4D5	-.03	-19	-26
02-01-64 1237057 4944878 5-71					14		13,D78	3.53	462						
1463040 DELSOO MOONBEAM ADMIRAL SAM...*		5	4	1-35	15	1.1	14,476	3.90	564	0	34	-4D	+.D7	+8	+6
02-01-64 1152351 415D754 5-71					17		14,670	3.71	544						
1463D59 HEERSCHE SKYHAWK DOMINO.....*		2	9	2-48,73	11	1.3	13,359	3.88	518	22	21	-64	+.05	+4	+2
04-16-64 1289574 4055912 5-71					19		13,630	3.66	499						
1463065 H & R LEE ROCKET.....*		2	8	2-31,61	10	1.2	14,535	3.76	546	30	21	+46	+.05	+8	+8
12-13-63 1413165 4770468 5-71					23		14,352	3.54	5D8						
1463067 BRUNSON LAKEFIELD PRINCE.....*		1	13	1-41	13	1.5	14,391	3.63	523	10	22	+2D5	.0D	+8	+12
01-01-64 1243697 3894505 5-71					27		13,384	3.63	486						
1463073 WADDELL ROYAL BESS BURKE.....		1	32	1-35	32	1.7	13,421	3.71	498	6	26	-144	+.D3	-1	-5
02-14-64 1383551 4098863 5-71					18		13,990	3.60	5D4						
1463074 AMPLY JACK PRIDE-TWIN.....*		3	5	1-32	10	1.5	12,523	3.46	433	11	27	-470	+.D3	-13	-23
12-06-63 1237057 3975551 1-71					12		14,283	3.39	484						
1463078 GAUTLAND IVANHOE ROMANDALE....*		2	8	2-23,51	10	1.3	17,146	3.69	633	44	21	-13	-.01	-2	-2
09-09-63 010257174 5029429 5-71					12		17,575	3.79	666						
1463106 SWEET BRIAR INKLE JOHN.....		1	12	1-52	12	1.5	12,471	3.54	442	25	21	-81	-.01	-4	-5
02-27-64 1223904 4483045 5-71					38		12,745	3.62	461						
1463107 SIR ADMIRAL ORMSBY FOBES.....*		1	18	1-35	18	1.0	11,948	3.26	389	17	20	+26	-.04	-5	-3
12-28-63 1267764 3705003 5-71					35		11,583	3.53	4D9						
1463115 KOOI PIONEER MERLE.....*		2	9	1-93	11	1.2	17,510	3.48	610	18	21	+16	.DD	0	0
03-12-64 1292880 5045919 5-71					71		17,820	3.48	621						
1463140 LOCHINVAR SYMBOL ROGER.....		1	17	1-34	17	1.8	16,600	3.56	591	19	24	+88	-.D1	+2	+4
10-03-63 1189593 5341795 5-71					37		16,491	3.59	592						
1463147 CHOATHOLM ADVOCATE.....*		1	22	1-21	22	1.2	11,016	3.65	402	15	22	-368	+.02	-11	-19
11-01-63 1413372 3692239 5-71					31		12,537	3.60	451						
1463154 YOKOHL COUNT DEACON.....		1	25	1-93	25	1.5	20,452	3.10	635	0	24	+692	-.12	+8	+25
03-20-64 1297600 4371013 5-71					72		18,012	3.41	614						
1463169 LIME HOLLOW BURKGOV TRIUMPH...	61-D2	54	2	2-32,34	74	1.7	14,728	3.61	532	17	79	+406	+.D1	+16	+24
12-10-63 1038509 4021635 5-71					20		14,246	3.60	513						
1463170 LIME HOLLOW PAL MAGIC.....		47	1	6-11,13,	54	1.6	15,363	3.79	582	13	76	+314	+.D8	+23	+27
03-10-64 1095002 4979968 5-71				14,16,21	20		15,059	3.7D	557						
1463175 COLO S U MAY-BEE.....	61-D2	19	6	2-83,84	75	1.2	16,656	3.55	592	13	69	+645	+.D3	+27	+39
04-12-64 1243697 51D4984 5-71					26		15,92D	3.51	559						
1463179 HAYSSEN MASTER RINGO.....*	91-11	14	1	8-22,23,	15	1.3	12,988	3.62	470	20	44	-735	.DD	-26	-41
D5-19-64 14D9357 49357D6 5-71				35,41,42	21		14,727	3.63	534						
1463196 LIFE-O-RILEY SKYTATION DESIRE.*		6	5	3-34,82,	16	1.6	15,331	3.42	525	14	38	+159	-.D4	0	+4
09-05-63 1395D22 5594576 5-71				87	8		15,014	3.51	527						
1463197 MAPLEACRES LUCY LAIRO.....*		1	1D	1-32	10	1.2	13,727	3.58	492	1D	19	+74	-.03	-2	0
11-30-63 1315718 3438534 5-71					1D		13,259	3.82	507						
1463216 CARNATION HOMESTEAD POLYKNIGHT	91-11	111	3	23-35,41,	176	1.1	14,374	3.66	526	2D	88	-211	+.06	0	-5
05-18-64 1242221 4004375 5-71				42,48,93	21		14,691	3.61	53D						
1463224 YONEO A B C SOVEREIGN.....*		6	10	4-21,32,	18	1.6	15,310	3.74	573	11	32	-218	+.03	-4	-9
05-09-64 1276654 4605902 5-71				34,41	28		16,226	3.69	598						
1463248 KNOLLSIDE SILVER C SAM.....		1	10	1-42	10	1.1	16,804	3.68	619	D	18	+98	+.02	+7	+8
04-01-64 1427763 45D7376 5-71					5		16,526	3.56	588						
1463249 KNOLLSIDE REFLECTION ARLY.....*		5	13	3-41,45,	20	1.5	17,778	3.71	66D	15	3D	+216	+.D1	+9	+13
04-10-64 1347D65 4855835 5-71				46	19		17,390	3.70	644						
1463312 MURFIELD SIBU JOE.....*		1	16	1-21	16	1.0	17,D34	3.5D	596	D	2D	+105	.D0	+4	+6
06-11-64 1426490 5060D77 9-70					37		16,791	3.48	584						
1463314 VALLA VISTA PLUTO.....*		14	14	9-12,14,	52	1.3	15,673	3.52	551	14	50	+339	-.D9	D	+9
D2-05-64 1243399 491118D 5-71				21,48,93	24		15,112	3.69	557						
1463322 DUNLEA GARY.....*		1	12	1-23	12	2.8	15,588	3.56	555	8	25	+26	-.D5	-6	-4
03-17-63 1399980 2929781 5-71					15		15,653	3.78	591						
1463351 BEDNARSKIS PRIDE MASTER.....*		1	16	1-23	16	1.5	14,376	3.58	515	31	22	+14D	-.01	+4	+7
01-13-64 1237057 4639D63 1-71					11		13,725	3.63	498						
1463359 JERRY BELLE HONEYMAN.....		1	24	1-33	24	1.3	15,257	3.81	582	5	23	+132	+.D1	+6	+8
12-08-63 1346613 5D90976 9-7D					16		14,766	3.80	561						
1463363 BAYLAND CRESCENT CHAMP BOLO...*		2	11	1-73	20	1.6	13,996	3.44	481	11	32	-120	+.D3	D	-3
D7-09-63 1413753 4319040 5-71					7		14,419	3.33	48D						
1463364 CRIPPLE CREEK MISTERY JIM.....		1	11	1-56	11	1.6	14,306	3.64	521	0	21	+77	.D0	+3	+4
04-16-64 1346121 4402603 5-71					13		13,93D	3.65	508						
1463378 BIROLAWN CHALLENGER PIRATE....		1	12	1-35	12	1.0	12,3D9	3.73	459	13	19	-89	+.D1	-2	-4
D3-16-64 1419572 5554176 5-71					4		12,665	3.75	475						
1463385 PRAIRIEWAY RULER.....*		2	9	1-33	11	1.1	9,737	3.72	362	5D	21	-214	-.D3	-12	-16
02-14-64 010260599 4369244 5-71					9		1D,437	3.98	415						
1463459 HILLCREEK IVANHOE STAR.....*		3	5	1-23	12	2.2	12,915	3.73	482	25	33	-455	-.01	-18	-27
11-14-63 1388895 52DD079 5-71					19		14,337	3.78	542						
1463476 BLUFFSIDE DUKE JENNIE JACK....		2	16	1-33	18	1.7	14,512	3.72	54D	22	25	+82	+.D3	+7	+8
D2-22-64 1330183 5D88950 5-71					5D		14,216	3.6D	512						
1463496 PRODUCERS DUSTY DEAN.....		2	13	1-93	15	1.1	16,682	3.37	563	7	22	-94	.DD	-4	-6
D5-06-64 1191921 4867800 5-71					128		17,466	3.4D	593						
1463524 LOUDEN HILL DENNIS.....*		1	16	1-23	16	1.3	13,725	3.4D	467	44	21	+223	-.D3	+4	+9
D1-03-64 010233528 5107704 5-71					16D		12,534	3.53	443						
1463537 CLANYARO DUKE SUSSEX.....*		3	9	2-33,74	19	1.2	14,250	3.59	512	D	31	+143	-.02	+3	+6
03-11-64 1293580 4247731 5-71					107		13,777	3.66	504						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1463592 HASBROUCKS HAVEN HAPPY BOY....*		3	5	1-23	10	1.1	13,800	3.71	512	17	24	-244	.00	-9	-14
02-25-64 1079658 3692387 5-71					27		14,930	3.76	562						
1463661 WAGSON GALLANT RAG APPLE.....*		1	11	1-51	11	1.4	12,930	3.91	506	18	20	+253	+.05	+16	+20
02-05-64 1329588 4251433 1-71					28		11,406	3.65	416						
1463700 ZIMMERMAN DEAN STAR SIR.....*		2	10	2-21,31	12	1.8	15,086	3.58	540	0	24	+48	+.02	+5	+5
01-03-64 1433539 5685228 5-71					7		14,991	3.49	523						
1463740 GREEN GOLD SIR RICHARD.....*		1	14	1-12	14	1.6	16,230	4.05	658	15	22	+4	+.07	+10	+8
02-01-64 1250992 4143498 5-71					44		16,465	3.79	624						
1463752 SILVERLANE JODY PAT.....	35-75	38	1	12-21,35,	47	1.9	15,352	3.60	553	7	74	-76	+.02	0	-2
01-11-64 1291498 4980350 5-71				55,91,93	61		15,624	3.58	560						
1463753 GRAFTON SEVEN SURPRISE CREATOR*		1	29	1-31	29	1.7	12,234	3.42	418	0	26	-188	-.01	-8	-12
04-21-63 1317159 3964955 5-71					30		12,859	3.47	446						
1463770 SALWIL ROBURKE DESIGN.....		2	15	1-35	28	1.0	14,673	3.52	517	67	32	+201	-.05	0	+5
06-12-64 1361933 4095438 5-71					3		14,045	3.72	522						
1463773 ROEFLORA REFLECTION RADIENT...*		3	8	2-22,52	18	1.3	13,630	3.69	503	21	33	-293	-.01	-12	-18
08-11-63 1413714 5420747 5-71					38		14,596	3.75	547						
1463785 GLENRA BEN.....*		1	26	1-41	26	2.1	13,879	3.39	471	4	27	+216	-.03	+3	+8
08-31-63 1341564 5383305 5-71					22		12,978	3.51	456						
1463788 INKA MORRIS ACRES REFLECTION..*		1	28	1-34	28	1.4	19,215	3.04	585	6	24	+294	-.14	-10	-1
12-17-62 010260599 011229471 5-71					10		18,435	3.51	647						
1463789 BEECHVALE SENSATION.....		1	16	1-52	16	1.0	11,642	3.43	399	13	20	-152	-.03	-10	-12
01-23-63 1267271 5031432 5-71					2		12,238	3.65	447						
1463797 LIBERTYLAND RUBY GALLANT LAD..		1	11	1-35	11	2.0	17,081	3.65	624	9	22	+502	-.01	+17	+27
01-11-64 1329588 4748900 5-71					25		14,916	3.69	551						
1463804 GLENAFTON RAG APPLE DYNAMO A..*		1	45	1-81	45	1.9	16,243	3.56	579	3	28	+180	-.05	-1	+4
03-13-63 1243697 011513341 5-71					21		15,772	3.77	595						
1463825 FARMGROVE CRETE SALLETTE.....*		4	5	1-21	12	1.8	15,621	3.67	574	18	33	+101	+.06	+12	+13
06-13-63 1285951 4135037 5-71					35		15,472	3.50	541						
1463832 RONES ICHABOD PANSY DUKE.....		1	18	1-71	18	2.2	15,053	3.46	521	11	26	-76	+.02	0	-2
01-04-64 1212173 5497134 5-71					16		15,510	3.41	529						
1463838 PENN SPRINGS LEADER.....*		3	11	1-23	15	1.5	14,573	3.64	531	27	26	-182	.00	-7	-11
01-27-64 1292880 4546235 5-71					22		15,441	3.68	569						
1463854 WILLARDS REVELON BEAU.....*		7	4	4-33,35,	17	1.4	15,408	3.47	535	29	41	+234	-.05	+2	+8
05-23-64 1425306 5183227 5-71				52,73	152		14,933	3.56	532						
1463860 ELMS COMMANDO.....	35-75	22	2	8-21,32,	29	1.3	15,034	3.74	563	25	60	-278	+.08	+1	-6
02-26-64 1181029 4763727 5-71				35,41,93	121		15,672	3.62	568						
1463885 ELLBANK ADMIRAL FUTURE HOPE...	21-10	38	1	6-11,13,	40	1.3	13,973	3.78	528	19	68	-955	+.07	-25	-46
03-12-64 1243697 4621940 5-71				14,16,21	19		15,534	3.69	573						
1463897 SKAGVALE THUNDERBIRD..... ...	93-16	2	26	1-91	30	1.3	19,698	3.59	707	75	26	-15	-.08	-12	-10
10-09-62 1339090 4457019 5-71					5		20,406	3.84	784						
1463903 LAVACRES DICTATOR SHERMAN.....		2	14	1-93	16	1.3	16,064	3.48	559	0	23	-174	+.02	-4	-8
05-21-64 1204163 5505072 5-71					124		17,140	3.42	587						
1463914 NATZKE KING HIGH HEDGE.....*		2	8	2-35,57	10	2.1	15,315	3.66	560	0	24	+106	.00	+4	+6
01-12-64 1224316 4637324 5-71					34		14,985	3.66	548						
1463926 AGMORE PROGRESS BENEFACTOR....		1	10	1-41	10	1.0	14,455	3.54	511	22	18	+134	-.03	0	+3
04-13-64 1199324 4651331 5-71					2		13,670	3.78	517						
1463937 DON AUGUR TOPS THEM ALL.....*		1	24	1-16	24	1.5	13,977	3.23	451	8	24	+104	-.01	+2	+4
10-06-63 1415806 5211155 5-71					21		13,496	3.24	437						
1463938 CAPTAIN ENSIGN MOO MEADOWS....		1	18	1-57	18	1.2	13,432	3.47	466	11	21	+4	.00	0	0
02-16-64 1200082 5173375 1-71					24		13,356	3.48	465						
1463944 GORDONVALE SKY BOB.....		1	16	1-34	16	1.8	16,320	3.65	596	0	24	+368	-.01	+12	+20
04-14-64 1244845 5131269 5-71					24		14,860	3.71	551						
1463945 HULONG 8 SADIE GRAPHIC LAD....*		1	14	1-34	14	2.1	15,604	3.49	544	8	24	+263	-.02	+7	+13
09-04-63 1320015 4685510 5-71					22		14,571	3.53	515						
1463972 DIBBLE GALLANT CRUSADER-TWIN..*		1	13	1-35	13	1.8	11,302	3.93	444	18	22	-239	+.02	-6	-11
09-14-63 1014925 4690629 5-71					42		12,211	3.88	474						
1463980 EVERGLENN SKYLARK RAVEN.....		2	6	1-35	11	2.4	14,188	3.67	521	10	30	-120	+.02	-1	-4
03-07-63 1223921 4377317 5-71					8		14,659	3.63	532						
1463996 HOOPLE CREEK NETHERLAND HOPE..*		8	15	5-21,22,	36	1.9	14,031	3.55	498	18	43	-112	-.04	-9	-10
11-11-62 1243697 010971813 5-71				23,52,55	23		14,334	3.65	523						
1464033 LONE CEDAR VILLA ENSIGN.....*		2	7	1-87	10	1.7	14,981	3.39	508	0	25	-188	-.02	-9	-12
03-10-64 1200082 5387776 1-71					12		15,938	3.46	551						
1464040 ELK-KREST SEARS STEVADOR.....	35-75	20	1	10-23,34,	24	1.7	14,817	3.60	533	5	59	-196	+.02	-4	-8
01-23-64 1085978 4776467 1-71				35,55,91	54		15,288	3.57	546						
1464070 GRAY VIEW X OOMINO.....*		3	14	2-35,41	24	1.5	14,507	3.72	540	0	32	+71	-.01	+1	+3
02-19-64 1378594 5717365 5-71					20		14,323	3.76	539						
1464079 KELONA BELLE BOY CHAMPION.....*		1	10	1-23	10	1.0	12,836	3.60	462	40	18	-241	-.01	-10	-15
07-01-64 1259069 4940559 9-70					15		14,233	3.68	524						
1464083 LEO BEA JONATHAN SUPREME.....*		4	14	2-32,34	27	1.7	13,916	3.73	519	10	36	+88	.00	+3	+5
10-29-62 1409730 2836284 5-71					35		13,637	3.75	512						
1464084 POOONQUE WALLIE ORMSBY.....*		3	9	1-21	12	1.4	13,596	3.52	479	**	25	+5	-.02	-2	-2
08-17-63 1296823 4036271 5-71					22		13,533	3.61	488						
1464105 JUNE MISTERY UNEEDA.....*		1	10	1-31	10	1.6	11,735	3.79	445	20	21	-142	+.04	+1	-3
03-21-64 1346121 4998293 5-71					7		12,266	3.55	435						
1464107 WAUKONA ADMIRAL MASTER.....*		4	7	1-91	18	2.4	15,344	3.67	563	6	39	+239	+.01	+10	+15
09-05-62 1237057 4938408 5-71					34		14,820	3.64	540						
1464126 BOULDER GLEN PONDEROSA DAN....*		1	13	1-35	13	1.5	14,890	3.80	566	36	21	-24	+.01	0	-1
01-26-64 1373055 4655162 5-71					5		15,124	3.83	580						
1464150 STOWELL FARMS SMOKEY.....	35-75	31	1	12-21,35,	39	1.5	13,884	3.61	501	35	68	-835	-.01	-32	-48
03-19-64 1315498 3680321 5-71				41,55,93	45		15,246	3.63	554						
1464151 WILLAROS SHAMROCK CONFIDENT...*		8	9	5-33,35,	26	2.0	13,818	3.37	465	8	44	-674	-.06	-32	-44
11-12-63 1290883 4038382 5-71				57,61,63	28		15,493	3.50	543						
1464214 DON-AL RIVER V WALLIE ROMEO...*		1	12	1-34	12	1.4	12,094	3.08	372	22	20	-208	-.05	-14	-17
08-10-62 1283313 3734325 5-71					42		13,025	3.37	439						

REGISTRATION NUMBER / NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1464255 SANMARGALE FOND PLUTO.....*		2	29	1-31	31	1.4	14,898	3.69	549	3	25	+67	-.01	+1	+3
01-06-64 1243697 3503625 5-71					75		14,709	3.73	549						
1464266 PABST AOMIRATION 8URKE.....*		3	9	1-35	13	1.4	14,611	3.68	537	17	25	+99	-.06	-5	-2
05-25-64 1358647 4359022 5-71					12		14,240	3.97	566						
1464308 KNOX VIEW ARISTOCRAT KING.....*		2	11	2-31,64	14	1.1	17,427	3.51	611	0	23	+680	-.02	+21	+35
06-11-64 1124780 4074747 5-71					30		14,586	3.60	525						
1464328 CASH-MAR CITATION JERRY.....*		4	4	1-57	11	1.5	15,054	3.55	535	18	31	+266	-.02	+7	+13
01-08-64 1370469 4132901 1-71					35		14,232	3.60	513						
1464332 RUSTLING-8ROOK T08 NO8LE.....*		1	12	1-31	12	1.1	16,137	3.77	608	9	19	+375	.00	+13	+21
07-01-64 1243697 4443536 5-71					40		14,187	3.84	545						
1464352 ROUNO OAK LUCKY PEGASUS.....*		4	5	1-52	17	1.1	13,141	3.88	510	7	35	-279	+.04	-4	-11
01-27-64 1217639 5492740 5-71					37		13,946	3.77	526						
1464364 8ILL-8AR HARMONY TORRES.....		1	16	1-54	16	1.7	13,558	4.17	565	8	23	-77	+.09	+10	+6
12-26-63 1392774 5196091 5-71					23		13,887	3.79	526						
1464370 MARTENS FARM AOAM MEMORY.....*		6	3	1-21	12	1.8	14,099	3.43	483	20	37	-59	-.04	-8	-8
01-06-64 1283536 4319514 5-71					12		14,300	3.56	509						
1464382 JO-JON OUSTY OUKE.....		1	23	1-93	23	1.0	17,310	3.68	637	**	22	-105	+.05	+3	0
04-02-64 1288610 4864562 5-71					79		18,228	3.51	639						
1464387 STAR SUMMIT MARS MASTER.....		1	25	1-34	25	1.4	15,070	3.82	576	9	24	+61	-.02	0	+2
04-11-64 1367170 4467584 1-71					9		14,910	3.93	586						
1464391 UNH YEOMAN LANCELOT.....*		2	10	2-12,14	12	1.3	14,730	3.69	544	25	22	-111	-.01	-5	-7
08-03-64 1416113 5170387 5-71					19		15,389	3.76	579						
1464406 HOOSIER-DELL SENSATION GEM....	35-75	26	1	12-23,31,	33	1.7	15,660	3.43	537	14	65	+59	-.11	-13	-9
11-14-63 1259069 4710185 5-71				87,91,93	74		15,751	3.59	565						
1464407 HOOSIER-DELL SENSATION KING...		1	15	1-32	15	1.7	12,925	3.58	463	29	23	-351	-.02	-16	-22
02-08-64 1259069 5660203 5-71					14		14,525	3.72	540						
1464408 HOOSIER-OELL LEAOER-TWIN.....	35-75	13	1	8-21,32,	14	1.7	16,252	3.56	578	18	46	+258	-.02	+6	+12
02-10-64 1259069 5231875 5-71				35,41,93	51		15,885	3.61	573						
1464410 HOOSIER-OELL STYLEMASTER.....		1	13	1-32	13	2.6	14,474	3.72	538	0	25	+208	+.01	+9	+13
06-09-63 1216068 5231876 5-71					13		13,617	3.69	503						
1464416 GRAY VIEW X CRISTINO.....*		1	14	1-85	14	1.4	15,443	3.35	517	7	21	+209	-.03	+4	+9
02-26-64 1378594 4680793 5-71					55		14,494	3.44	498						
1464419 GRAY VIEW X CANDIEO-TWIN.....*		4	15	1-34	20	1.5	15,234	3.54	540	25	28	+143	-.02	+2	+5
04-07-64 1378594 4397183 5-71					29		14,798	3.62	536						
1464428 8IG GREEN WAMPUM.....*	21-10	48	1	2-13,21	53	1.6	16,692	3.39	566	6	76	+1,066	-.18	+12	+38
06-19-64 1245520 3998328 5-71					29		15,430	3.60	556						
1464460 FAIRWOOD REFLECTOR OUKE.....*		2	17	1-23	19	1.1	14,565	3.87	563	17	23	-135	-.01	-6	-8
08-06-63 1298430 5461652 5-71					33		15,305	3.96	606						
1464482 GREEN VALE 8088Y HOPE.....		1	12	1-34	12	2.0	14,469	3.44	498	0	23	+27	-.05	-6	-4
07-24-64 1250992 5280157 5-71					5		14,397	3.67	529						
1464495 LITTLEDAM MAVIEW KING.....*		5	7	3-11,12,	15	1.9	15,089	3.66	553	0	33	+95	.00	+4	+6
12-10-63 1390911 4769534 5-71				14	21		14,898	3.66	545						
1464502 ORU8AR FONO JOE.....*		1	10	1-42	10	1.2	12,752	3.74	477	10	19	+15	.00	+1	+1
07-20-64 1436025 4187782 5-71					4		12,533	3.73	467						
1464507 GLADCO MUTUAL POLYTECHNIC DON.		1	28	1-91	28	1.3	16,347	3.21	525	11	24	+85	-.03	-1	+1
11-27-63 1010936 4672858 5-71					133		16,210	3.33	539						
1464508 GLADCO POLYTECHNIC REROYAL JET	35-75	29	1	9-21,23,	38	1.9	15,515	3.50	543	13	69	+361	-.08	+2	+11
01-25-64 1192713 4694000 5-71				41,91,93	56		15,110	3.61	545						
1464509 ANOKASTAT MIKE IVANHOE-TWIN...	35-21	44	1	5-35,41,	52	1.3	14,631	3.54	518	16	73	+82	-.09	-10	-6
03-09-64 1189870 4273346 5-71				42,43,47	16		14,583	3.68	537						
1464510 ANOKASTAT PAT IVANHOE-TWIN....	35-21	53	2	4-35,41,	69	1.3	15,371	3.51	539	14	78	+883	-.11	+15	+35
03-09-64 1189870 4273346 5-71				42,47	15		14,267	3.65	521						
1464513 IDEAL MASHAOE STEVE.....*		1	10	1-16	10	1.5	17,886	3.44	615	10	20	+480	-.03	+13	+23
02-12-64 1281050 4723648 5-71					24		15,656	3.56	557						
1464517 KERCHENHILL SHAMROCK.....		2	8	1-23	10	1.1	13,120	3.61	474	14	20	-201	-.01	-8	-12
01-03-64 1409136 5772260 5-71					5		14,152	3.67	519						
1464522 KENLOW ADMIRAL DON.....		1	15	1-41	15	1.5	14,539	3.40	494	7	22	-29	-.01	-3	-3
10-16-62 1237057 4938167 5-71					6		14,757	3.47	512						
1464530 FAIR HILL MARVEL.....*		1	15	1-51	15	1.2	13,270	3.96	525	14	21	-48	+.03	+2	0
05-02-64 1397054 5187722 5-71					74		13,458	3.84	517						
1464558 MAR-RIDGE SIR RAVEN IOEAL.....*		1	11	1-48	11	1.3	13,331	3.92	522	45	20	-138	+.05	+2	-2
01-13-64 1261357 5142490 5-71					28		14,056	3.65	513						
1464559 MAR-RIDGE COLONEL TRIUNE.....		4	8	1-48	18	1.3	13,003	3.75	487	38	33	-378	+.02	-11	-19
08-11-63 1297169 3479104 1-71					33		14,159	3.70	524						
1464563 KNOX VIEW REFLECTOR OUKE.....*		1	17	1-31	17	2.1	14,855	3.72	552	41	25	+169	.00	+6	+9
01-31-63 1298831 4922693 5-71					40		14,189	3.74	530						
1464577 WAYGUN ELMSCOTT TOKEN.....		1	24	1-41	24	1.8	13,277	3.76	499	24	25	-79	-.01	-4	-5
04-19-63 1287090 3087800 5-71					11		13,553	3.83	519						
1464617 LUXANA MAGNA CUM LAUOE.....*		5	11	4-31,34,	18	1.4	13,614	3.69	502	12	29	-208	+.02	-5	-10
03-26-64 1386654 3466052 5-71				41,57	349		14,375	3.65	524						
1464629 WINTERCREST SPECIAL.....*		7	2	1-21	12	1.4	15,086	3.55	535	17	37	+215	-.03	+4	+9
01-13-64 1412128 5269081 5-71					30		14,561	3.61	526						
1464630 ZURCHER 8URKE RAG APPLE LAO...*		5	15	1-42	22	1.8	13,802	3.36	464	19	31	-118	-.06	-12	-13
03-09-63 1378698 4883290 5-71					11		14,211	3.55	505						
1464655 IKAN WHIRLWIND 8URKE SAM.....*		2	8	1-63	10	1.2	9,826	3.63	357	0	21	-296	.00	-11	-17
07-11-64 1221226 4548990 5-71					55		10,979	3.70	406						
1464685 8UDERWIN 8EETS IVANHOE.....*		4	6	1-11	15	1.5	15,359	3.51	539	0	33	-156	-.07	-15	-16
12-03-63 1397517 4453460 5-71					15		16,037	3.72	597						
1464696 OISTINCTION ROYAL LAO.....		1	29	1-35	29	1.1	15,930	3.58	570	9	23	+69	-.04	-3	-1
03-13-64 1305460 4864135 5-71					22		15,814	3.79	599						
1464726 SUNNYSIOE MONOGRAM.....*		4	13	2-41,43	18	1.9	14,324	3.53	506	13	29	+81	-.05	-4	-1
11-21-63 1335787 4304693 5-71					11		14,061	3.74	526						
1464732 SPERRYVILLE DANDY INKLE.....		1	26	1-52	26	1.0	15,073	3.57	538	28	22	-5	.00	0	0
03-26-64 1223904 5263009 5-71					70		15,231	3.55	541						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1464746 SIR OSBORNDALE PIEBE IVANHOE..*	61-02	6	7	2-23,52	27	1.6	16,186	3.56	577	7	46	+657	.00	+23	+36
12-05-63 1189870 5180041 5-71					47		14,834	3.56	528						
1464777 CHURCHOLM INSIGNIA TYLER.....*		2	9	1-21	11	2.6	15,308	3.36	515	18	25	+323	-.03	+7	+14
07-06-62 1179372 3870322 5-71					16		14,034	3.46	485						
1464793 VOSSLER DALE IVA PEGASUS.....*		1	12	1-21	12	2.4	15,985	3.48	557	8	24	+75	-.02	0	+2
09-13-63 1217639 3979557 5-71					55		15,864	3.56	565						
1464794 VOSSLER OALE HIOY JOE PEGASUS.*		1	24	1-21	24	1.8	16,105	3.51	566	4	26	-131	-.01	-6	-8
12-23-63 1217639 3870529 5-71					53		16,913	3.55	601						
1464801 FO-MA-TO-SA PROUO RULER.....		1	14	1-48	14	1.1	15,981	3.03	484	**	20	-4	-.06	-9	-8
03-18-63 1237057 5071358 5-71					3		16,233	3.33	540						
1464808 NICOLK A B C RAVEN LEAOER.....*		1	10	1-21	10	1.4	15,068	3.13	472	20	19	+70	-.07	-7	-4
08-20-63 1276654 4981425 5-71					17		14,789	3.48	514						
1464824 ZIMMERMAN LESTAR ROYAL TOP....*		2	31	1-41	33	1.8	13,603	3.55	483	6	27	-203	.00	-7	-11
08-22-63 1307857 3200845 5-71					13		14,400	3.56	513						
1464838 AMBERLEY BURLEY LAIRO.....*	35-75	3	14	2-33,61	19	1.2	17,217	3.80	654	16	26	+295	+.05	+18	+23
04-12-64 1142734 5063916 5-71					18		16,326	3.64	595						
1464853 MAYWICK FONO SEGIS HERO.....		2	10	1-61	17	1.6	13,069	3.73	488	12	30	-289	+.05	-3	-10
09-29-63 1277223 4551784 5-71					63		14,047	3.56	500						
1464880 W O T S MODEL AUOACIOUS.....*		2	11	1-73	13	1.4	14,113	3.46	488	8	23	-361	+.01	-12	-19
11-01-63 1237747 4233281 5-71					6		15,905	3.45	549						
1464901 ARLINDA CINDERS CHIEF.....*	33-03	2	8	1-93	10	1.1	22,045	3.84	846	11	20	+487	+.04	+23	+32
03-29-64 1427381 4997562 5-71					36		20,238	3.74	756						
1464902 ARLINDA CHIEF ROYAL.....	33-03	3	11	1-93	15	1.2	19,468	3.36	654	13	24	+303	-.01	+9	+15
04-11-64 1427381 5144057 5-71					43		18,677	3.37	630						
1464924 COOPER HILL WAYNE EMINENT.....*		1	14	1-14	14	1.2	17,595	3.81	671	7	20	+446	+.02	+19	+27
03-23-64 010274514 4286238 1-71					41		15,573	3.76	585						
1464943 PACLAMAR SENATOR MASTIFF.....*		2	10	1-42	19	1.3	13,758	3.43	472	5	30	-223	-.02	-11	-15
07-19-64 1252985 5029427 5-71					8		14,555	3.51	511						
1464967 KANZA SKYBLENO KARL.....*	35-21	1	11	1-48	11	2.0	16,769	3.61	605	18	22	+310	.00	+11	+17
01-24-64 1323989 4762910 5-71					23		15,504	3.61	559						
1464976 MAUR-LINO PORTRAIT ROLLO.....*		3	15	1-93	28	1.1	17,344	3.39	588	12	32	+79	-.05	-4	-1
05-09-64 1419723 4144207 5-71					107		17,448	3.53	616						
1464989 COTTEROALE ARISTOCRAT SHINER..*		9	4	2-21,52	20	1.2	13,548	3.58	485	6	41	-554	-.02	-22	-33
07-06-64 1124780 4838211 5-71					27		14,996	3.64	546						
1464994 KINGWAY PONTIAC BONANZA-TWIN..*		2	7	2-21,23	13	1.7	14,057	3.73	524	0	29	-327	+.04	-7	-14
03-04-64 1397752 5440812 5-71					19		15,332	3.63	557						
1465015 PUGET SOUND RENOWN.....		1	14	1-91	14	1.4	17,043	3.71	633	0	21	+337	-.02	+10	+17
02-23-64 1343217 3410977 5-71					24		15,613	3.80	593						
1465095 CURTMAIO BELLE BOY.....		1	17	1-93	17	1.1	17,489	3.77	660	**	21	-209	+.05	0	-5
02-13-64 1259069 5834745 5-71					202		19,021	3.60	684						
1465114 LEWAJOHN AUOIO.....		1	19	1-41	19	1.3	12,982	3.60	468	9	22	-71	.00	-2	-4
01-07-63 1237747 4550849 1-71					9		13,233	3.63	481						
1465149 HELT PIONEER PRINCE.....*		6	3	3-43,48,	10	1.3	13,233	3.71	491	13	29	-94	+.01	-2	-4
10-17-63 1292880 4340536 5-71				73	23		13,515	3.71	501						
1465173 BO-LAN CAREY PAT.....*		4	6	1-48	12	1.4	16,029	3.66	586	55	28	+398	.00	+15	+23
10-10-63 1352927 3554457 5-71					22		14,697	3.65	537						
1465181 ELMER BROOK PREMIER HOMESTEAO.*		3	8	2-35,42	13	1.5	14,393	3.54	509	0	27	-93	-.05	-10	-11
03-19-64 1416811 4315956 5-71					11		14,826	3.74	554						
1465210 SANOYFLAT INKA K GENERAL JACK.*		8	8	2-21,23	32	1.3	13,574	3.73	506	24	47	-869	+.07	-22	-41
01-11-64 1215402 4500570 5-71					17		15,607	3.60	562						
1465248 MICHIGAN KING MAJOR.....*		1	11	1-34	11	1.5	20,630	3.17	654	0	20	+557	-.06	+11	+24
06-23-63 1361821 5394029 5-71					38		18,325	3.33	610						
1465262 MIKE BURKE FORTY-NINER.....		1	15	1-41	15	1.3	14,438	3.47	501	27	21	+156	-.02	+3	+7
01-17-64 1283917 4623138 5-71					8		13,683	3.54	485						
1465272 LOCUSTBEND MAOCAP HANSEL.....*		2	7	1-61	11	1.6	10,448	3.47	363	0	26	-674	-.01	-26	-39
10-29-63 1347623 4073849 5-71					10		12,902	3.57	460						
1465284 NORTH GRAFTON COMMANOER.....		2	7	1-14	11	1.2	14,004	3.56	498	45	24	+128	-.04	-1	+2
07-24-64 1333641 5314232 5-71					44		13,425	3.78	507						
1465299 GOLOEN HILLTOPPER CAOILLAC....		4	10	2-11,16	15	1.5	11,584	3.73	432	23	27	-669	+.03	-20	-34
08-24-63 1397752 4311379 5-71					28		14,049	3.62	509						
1465300 YOLAOIN RAMBLER BEN.....	35-75	30	1	11-21,35,	34	1.5	15,254	3.59	548	19	66	-270	-.02	-13	-18
06-23-64 975138 4116860 5-71				55,82,93	76		15,860	3.63	576						
1465302 ST CROIXCO SKY FLASH.....*		2	15	1-35	17	1.7	16,141	3.68	594	6	25	+510	-.01	+17	+27
03-04-64 1419629 3917667 1-71					36		14,135	3.73	527						
1465313 FINEVIEW GENE MARTIN-TWIN.....	35-75	17	1	8-23,35,	19	1.7	16,125	3.65	589	0	53	+483	+.01	+19	+28
03-09-64 1278644 4533137 5-71				41,55,93	27		15,348	3.64	559						
1465321 OANOEOAV SIR MODEL CREST.....*		1	14	1-31	14	1.3	14,209	3.66	520	0	21	-21	+.03	+3	+2
12-03-63 1406272 4655996 5-71					30		14,354	3.52	505						
1465332 EHRS ELDER SAL.....		1	11	1-47	11	1.0	11,915	3.62	431	**	18	-109	+.01	-2	-4
10-01-63 1343088 4677577 5-71					6		12,362	3.56	440						
1465341 MARLANO AUOACIOUS.....*		1	10	1-42	10	2.0	14,771	3.31	489	10	22	+260	-.06	+1	+8
09-02-63 1237747 4097992 5-71					14		13,548	3.57	483						
1465343 RIEHLHOLM EONA BELLE BOY.....	35-75	19	1	7-21,23,	23	1.3	15,598	3.74	583	10	54	-147	+.06	+3	-1
05-25-64 1259069 3172708 5-71				35,41,93	56		16,084	3.64	585						
1465377 PINE GROVE RAINBOW.....*		2	7	1-34	10	1.2	13,132	3.47	456	11	22	-42	+.01	0	-1
04-15-64 1369009 5191088 9-70					14		13,254	3.40	450						
1465398 WINSHIPS RAG APPLE PIONEER....		2	8	1-11	10	1.1	14,791	3.54	524	10	20	-104	-.03	-8	-9
06-24-64 1292880 4085729 9-70					21		15,466	3.74	579						
1465400 PLEVKE CRUSADER IDEAL NICK....		1	20	1-41	20	1.7	14,668	3.67	539	15	24	+186	.00	+7	+11
01-25-64 1179373 4304461 5-71					30		13,895	3.68	512						
1465412 SRM WALKER RAG APPLE.....*		1	12	1-11	12	2.1	15,868	3.49	553	0	23	+161	-.03	+2	+6
03-12-64 1302260 4432197 5-71					26		15,307	3.58	548						
1465415 PINE ANGLE IDEAL BURKE.....*		2	7	1-35	10	2.3	12,452	3.43	427	13	27	-27	-.02	-4	-4
04-07-63 1255434 3872579 5-71					17		12,401	3.55	440						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1465450 JOLIAM 8 8 LYONS.....*		3	10	2-33,35	19	1.3	12,900	3.67	473	28	31	-595	.00	-21	-33
03-26-64 1381001 4472814 5-71					30		14,934	3.68	549						
1465464 GREEN PASTURES TRIUNE ROCKET..	61-02	37	1	6-31,33,	45	1.1	15,277	3.56	544	10	69	+308	-.05	+4	+11
03-27-64 010252803 2940399 5-71				74,84,85	23		14,927	3.63	542						
1465465 S R F GREEN PASTURES PONTIAC..*		4	10	2-33,35	17	1.2	14,587	3.28	478	24	28	-150	-.04	-11	-13
05-15-64 1397752 3349179 5-71					26		15,258	3.43	524						
1465469 WIS RINGMASTER REAPER.....*		4	9	1-42	18	1.4	14,099	3.65	514	11	33	-286	.00	-10	-16
06-08-64 1385713 5016451 5-71					7		15,098	3.66	552						
1465471 ELM RIDGE CELEBRITY CAPTAIN...*		2	10	1-35	15	1.1	14,172	4.04	573	17	25	-57	+.09	+11	+8
11-09-63 1395838 4978029 1-71					9		14,459	3.66	529						
1465472 ELM RIDGE CELEBRITY TEMPEST...*		1	19	1-35	19	1.4	12,148	3.88	471	**	23	-425	-.01	-17	-25
11-25-63 1395838 4850296 5-71					8		14,044	3.95	555						
1465487 KINGSTEAD ROYAL PONTIAC.....*		6	8	2-23,55	17	1.2	14,513	3.52	511	0	31	+86	-.02	0	+2
07-03-64 1397752 4611299 5-71					24		14,272	3.59	512						
1465549 HARVEY DUKE SENATOR.....*		4	7	2-35,42	15	1.2	14,255	3.56	508	0	29	-142	-.01	-7	-9
01-11-64 1293580 4396765 5-71					12		14,835	3.65	541						
1465551 PABST ROYAL LEADER-TWIN.....*		1	10	1-48	10	1.6	13,121	3.37	442	30	21	-224	-.02	-11	-15
07-13-64 1305460 4650658 9-70					73		14,249	3.52	501						
1465554 SRD TRANSMITTER KING.....*		1	18	1-74	18	1.1	14,196	3.44	489	0	21	-245	+.04	-4	-10
02-09-64 1154225 3993411 5-71					90		15,525	3.32	516						
1465590 TAMARIX CRISSMAN X.....*		3	7	1-87	15	1.3	14,280	3.54	506	29	31	-69	+.02	0	-2
02-26-64 1378594 4790874 5-71					19		14,569	3.48	507						
1465608 NORTHCROFT SOVEREIGN CRISSY...*		2	15	1-21	17	1.8	13,813	3.70	511	6	26	-294	+.03	-6	-13
02-23-64 1378594 4104684 5-71					49		15,058	3.60	542						
1465634 ROYAL YELLOW CREEK PONTIAC....*		7	2	3-31,32,	10	1.7	15,506	3.56	552	0	34	+142	-.02	+3	+6
03-17-64 1397752 4035612 5-71				34	17		15,217	3.61	549						
1465642 DODD FARMS BEAU GESTE NAPOLEON*		1	16	1-23	16	1.6	13,751	3.35	460	0	23	-397	+.01	-13	-21
03-22-64 1423862 5093021 5-71					63		15,663	3.35	524						
1465669 LYNDON DICTATOR CREAMELLE-TWIN*		1	22	1-35	22	1.4	15,009	3.57	536	10	23	+278	-.04	+4	+11
03-30-64 1314767 4189422 5-71					15		13,788	3.77	520						
1465678 DARDICK PARAGON PRIDE.....*	35-05	19	2	3-33,35,	31	1.5	15,936	3.68	586	13	61	+662	-.03	+20	+34
01-29-64 1413083 4938355 5-71				91	20		14,947	3.74	559						
1465714 BIG GREEN LIGHTNING-TWIN.....	35-75	22	1	8-21,23,	27	1.5	17,812	3.47	618	16	60	+1,036	-.12	+19	+43
03-21-64 1242163 3404646 5-71				35,55,93	70		16,310	3.65	596						
1465715 BIG GREEN THUNDER-TWIN.....	35-75	19	2	7-21,32,	27	1.3	14,665	3.62	531	29	57	-184	.00	-6	-10
03-21-64 1242163 3404646 1-71				35,55,91	87		15,106	3.62	547						
1465719 HICKORYRILL SEARS ADA CEDRIC..	21-10	40	1	2-13,21	43	1.5	15,359	3.64	559	11	71	-16	+.08	+10	+8
03-08-64 1085978 4040296 5-71					23		15,543	3.54	550						
1465720 REYNOLAND CHEMCO LAIRD.....	61-02	10	3	2-31,61	17	1.3	14,323	3.57	512	18	43	-257	+.04	-4	-10
03-07-64 1049547 4034865 5-71					17		15,029	3.49	525						
1465728 CLIFLOU WIS OSBORNDALE EMERSON	35-75	13	1	10-23,35,	16	1.9	16,163	3.48	563	0	50	+644	-.10	+8	+23
06-07-64 1273756 4294455 5-71				42,55,82	61		14,967	3.69	552						
1465754 TOP-O-THE-HILL IVANHOE WARRIOR*		7	5	1-14	18	1.6	17,349	3.75	650	33	40	+124	+.02	+7	+9
04-02-64 1397517 4524120 5-71					23		17,381	3.72	647						
1465757 RAYMAU CHIEF BULLWINKLE.....*		3	15	2-11,13	26	1.0	16,059	3.64	584	12	30	+215	-.03	+4	+9
07-12-64 1397517 3641086 5-71					33		15,499	3.73	578						
1465764 HAYSSEN MASTER REMUS.....*		1	17	1-42	17	1.3	12,539	3.63	455	6	22	-194	+.01	-6	-10
07-25-64 1409357 5450231 5-71					26		13,380	3.64	487						
1465771 LILAC HILL GLAMOUR BOY ROBURKE*		1	14	1-35	14	1.2	14,827	3.64	539	0	20	-18	.00	0	0
04-24-64 1282185 4778373 5-71					16		15,028	3.62	544						
1465793 VIGO PERSEUS LEADER.....*		3	7	2-33,47	15	1.7	14,629	3.53	517	13	33	+353	-.02	+10	+17
12-15-63 010260599 4988757 5-71					8		13,524	3.59	485						
1465802 SUNNYHOPE BEACON ELDON.....*		4	5	1-23	10	1.5	19,779	3.53	698	22	26	+574	-.03	+17	+29
06-19-64 1405564 4796953 5-71					14		18,012	3.60	649						
1465808 BUTZRIDGE IVANHOE PAT.....*		2	8	1-33	11	1.3	12,851	3.59	461	45	23	-488	+.05	-11	-22
02-20-64 1391447 3675574 5-71					16		15,071	3.40	512						
1465812 HOWCOJEL CANDIDATE.....		1	20	1-14	20	1.4	15,233	3.72	566	10	23	+277	-.01	+8	+14
07-28-64 1241914 4816470 5-71					59		14,022	3.82	535						
1465841 CRESCENT BEAUTY TRANSMITTER...*		1	12	1-35	12	1.7	13,782	3.64	501	17	22	-72	-.02	-6	-7
01-13-64 1316533 5466414 1-71					14		14,136	3.78	534						
1465844 CLEARLINE WIS BUDD.....	35-75	31	2	11-35,41,	41	1.6	15,658	3.74	586	11	69	+147	+.05	+13	+15
08-03-64 1179372 4338724 5-71				52,55,91	37		15,613	3.68	575						
1465867 MAPOVAL FULL CROSS.....*		6	11	4-16,23,	24	2.0	16,693	3.77	630	5	38	+352	+.02	+15	+22
11-01-63 1378594 5068407 5-71				45,73	26		15,970	3.76	600						
1465868 MAPOVAL GENERAL OF THE ARMY...*		4	23	3-16,23,	30	1.5	15,932	3.82	608	11	29	+139	+.01	+7	+9
04-04-64 1378594 4713424 5-71				73	29		15,628	3.79	592						
1465896 JAYWOOD LEADER KAY DUKE.....		1	10	1-42	10	1.3	14,178	3.59	509	30	19	-11	.00	0	0
10-21-63 1259069 4765091 5-71					15		14,272	3.59	512						
1465912 STERK LENA CORONET.....		3	26	1-93	33	1.5	16,847	3.60	606	3	29	+102	-.04	-2	+1
04-21-64 1215448 5267540 5-71					124		16,780	3.75	629						
1465913 STERK DUCHESS CORONET.....*		3	12	1-93	16	1.6	19,067	3.58	683	6	26	+219	-.03	+4	+9
05-20-64 1215448 3441882 5-71					152		18,707	3.66	685						
1465940 LINDAR OAKWOLD MOOSEHEART ART.		1	30	1-34	30	1.3	16,140	3.44	555	11	24	+491	-.07	+8	+19
03-18-64 1292880 4783268 5-71					14		14,092	3.71	523						
1465961 SKEE DEE FOND CRAFTSMAN.....*		7	3	2-42,47	15	1.5	12,744	3.85	491	0	40	-247	+.07	+1	-6
10-08-63 1243697 5215607 5-71					8		13,296	3.66	486						
1465980 MAYERS PRINCE ARTHUR.....*	35-05	8	2	2-35,41	11	1.0	15,094	3.70	559	0	34	+48	-.01	0	+1
06-04-64 1350699 3638099 5-71					21		15,064	3.76	566						
1465982 TUSSEY-VIEW IVANHOE.....*		1	15	1-23	15	1.3	13,516	3.69	499	21	21	-72	-.01	-4	-5
08-30-64 1292880 5388050 5-71					11		13,853	3.78	523						
1466006 WINTERCREST SUNSET.....*		2	12	2-13,21	14	1.1	14,772	3.51	519	29	22	-210	-.04	-13	-16
05-01-64 1252985 3813482 5-71					39		15,947	3.70	590						
1466047 DEER LAKE SIR COMET OLIVER....	35-21	13	1	4-35,41,	15	1.0	14,804	3.76	556	21	42	+341	+.01	+14	+20
04-03-64 1070036 4504723 5-71				42,47	18		14,001	3.75	525						

REGISTRATION NUMBER NAME OF BULL	STUO CODE	NUMBER OF HEROS	EFF OAU /HO	STATES NO- WITH MOST OAUS	... OAUGHTERS AND HEROMATES ... OAUS HM/OAU	REC/OAU HERDMATE	MILK MILK	% %	FAT FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1466050 FLDWER 8RDOK PREMIER 8ETTY....		1	14	1-41	14	1.0	13,705	3.41	467	**	19	+221	-.02	+5	+10
09-17-63 1408300 5201245 5-71					16		12,408	3.50	434						
1466071 WE-R-FDUR EMPERDR 8URKE 8ECK..*		4	6	1-54	17	1.7	14,397	3.54	510	31	37	-249	+.03	-5	-11
10-23-63 1392774 4730543 5-71					14		15,203	3.48	529						
1466074 MT PLEASANT SEARS ALCARTRA....	35-21	19	2	2-41,42	24	1.5	14,070	3.74	526	25	56	+315	+.03	+15	+21
01-05-63 1085978 4233631 5-71					18		13,463	3.71	499						
1466114 GRAY VIEW X CRAFTSMAN.....*		5	7	2-35,41	14	1.4	16,096	3.99	643	14	29	-201	+.07	+2	-4
06-18-64 1378594 5108939 5-71					24		17,117	3.81	652						
1466125 VONORE REFLECTION PRIDE.....		2	11	1-63	14	1.1	11,403	3.74	427	**	23	-450	+.05	-10	-20
03-27-64 1237057 5417478 5-71					11		13,281	3.55	471						
1466145 ARWYN CRISS X SENATDR.....*		1	12	1-35	12	1.0	14,028	3.83	537	9	19	-25	+.01	0	-1
05-24-64 1378594 4725245 5-71					19		14,192	3.83	543						
1466172 EDH ADMIRAL JULE CDMM.....*		5	4	2-48,73	13	1.3	15,909	3.34	531	17	33	+459	-.02	+14	+24
09-22-63 1316539 4434572 5-71					9		14,568	3.34	486						
1466179 TIDY 8URKE TRANSMITTER.....*	23-13	9	8	2-48,71	26	1.3	18,875	3.36	635	4	42	+1,470	-.05	+45	+75
01-22-64 1271810 5041976 5-71					20		15,505	3.42	530						
1466180 TIDY 8URKE PADRD.....*		4	4	2-48,74	14	1.1	15,165	3.64	552	27	32	-89	+.01	-2	-4
02-16-64 1419755 5882104 5-71					15		15,611	3.63	567						
1466190 TAMARIX E8ONY PRINCE.....*		5	3	1-82	11	1.2	15,774	3.16	498	40	32	+118	-.05	-3	+1
03-20-64 1237057 4658726 5-71					3		15,560	3.28	511						
1466206 MAYERS OUKE THUNDER8IRO.....*		1	17	1-73	17	1.4	15,868	4.01	636	0	22	+20	+.04	+7	+6
11-23-63 1293580 3803497 5-71					21		15,982	3.85	616						
1466207 MAYERS MDNARCH KING.....*		2	15	1-35	30	1.4	12,450	3.92	488	7	35	-401	+.11	+1	-10
04-30-64 1395854 4725043 5-71					7		13,552	3.56	483						
1466232 COCHRAN CORVETT DUTCHMAN.....*		1	11	1-21	11	1.3	14,249	3.61	515	0	20	-31	+.01	0	-1
08-29-64 1416743 4304444 5-71					17		14,465	3.57	517						
1466235 C S P F PDSCH ORMS8Y F08ES....*		1	20	1-16	20	1.4	15,294	3.94	603	42	23	-256	+.06	-1	-7
06-12-64 1289744 4810214 5-71					83		16,690	3.74	624						
1466243 TRINTER MERCEDES R A MISTERY..*		4	7	3-31,57,	13	1.0	14,629	3.40	498	17	26	-97	-.03	-7	-8
04-14-64 1346121 4285357 5-71				72	34		15,122	3.52	532						
1466275 GREEN VALE P A ANTHONY.....*		4	6	1-34	11	1.4	18,703	3.76	703	0	26	+419	+.03	+20	+27
08-14-64 1434139 5713850 5-71					30		17,456	3.68	642						
1466290 TOM JAYCO GALLANT.....		2	32	1-32	34	1.7	14,190	3.64	516	15	27	-29	-.03	-5	-5
01-21-64 1329588 4603628 5-71					15		14,341	3.79	544						
1466295 F-V-F IVANHOE SAMPSON.....*		12	2	5-23,51,	15	1.3	14,738	3.92	578	14	43	-122	+.08	+7	+3
02-02-64 1189870 4819866 5-71				52,54,55	25		15,144	3.74	567						
1466298 GDUVEIA VISCDUNT X.....		3	23	1-93	28	1.1	15,486	3.81	590	**	26	-172	+.06	+2	-3
03-29-64 1378594 5266148 5-71					26		16,398	3.60	591						
1466308 SUNNYSPDT CHAMPIDN-TWIN.....	35-75	33	2	14-31,35,	47	1.6	15,027	3.49	524	13	72	+261	-.09	-3	+4
07-19-64 967873 4376918 5-71				41,55,93	39		14,742	3.61	532						
1466309 SUNNYSPDT MASTER-TWIN.....	35-75	29	2	14-21,41,	39	1.3	15,844	3.48	551	17	67	+370	-.10	-1	+9
07-19-64 967873 4376918 5-71				55,91,93	58		15,440	3.62	559						
1466316 EXRANCD SELSMAN.....	93-03	2	9	1-93	12	1.0	14,858	3.92	582	42	22	-520	+.09	-7	-19
08-12-64 1397088 5282474 5-71					201		17,593	3.60	633						
1466325 WDOOSIDE FARM VICTOR 8ELLE....*	21-10	42	1	2-13,21	43	1.6	16,054	3.52	565	10	72	+269	-.04	+4	+10
03-04-64 1136723 4612328 5-71					28		15,874	3.57	566						
1466334 MARTIN WINDYKNDLL.....		1	16	1-23	16	1.3	13,351	3.73	498	0	21	+156	+.07	+15	+16
04-11-64 1329588 5292406 5-71					10		12,468	3.35	418						
1466339 MEAOVALLEY GENERAL DUNLDGGIN..*		1	16	1-23	16	2.1	11,882	4.13	491	25	24	-407	+.08	-4	-14
10-06-62 1198084 4984137 5-71					12		13,549	3.80	515						
1466342 SCHREI8ERS CRETE OAUNTY 8ETPET*		1	10	1-16	10	1.9	14,382	4.08	587	0	22	-71	+.03	+2	0
09-28-63 1285951 4839713 5-71					57		14,802	3.95	584						
1466344 8DIVISTA KEYSTONE LEADER.....*		2	6	1-82	11	2.0	16,044	3.62	581	9	30	+357	.00	+13	+20
01-03-64 1291028 4875542 5-71					18		14,957	3.63	543						
1466353 PALTZER PA8ST MECHTHILOE.....*		2	10	1-35	12	1.6	14,149	4.37	618	9	23	+108	+.09	+16	+16
04-30-64 1429382 4719473 5-71					7		13,660	4.06	554						
1466372 KUEHLCREST RAVEN DELL GENERAL.		1	13	1-42	13	1.0	14,300	3.48	498	**	19	+93	-.02	+1	+3
09-27-63 1373464 4898375 5-71					9		13,793	3.55	490						
1466381 DAGES NC ND8EL SEVEN DAVE.....*		1	21	1-31	21	1.6	15,636	3.24	506	19	24	+182	-.04	+1	+6
10-31-63 1203114 4226669 5-71					62		14,981	3.35	502						
1466401 TOPVALE CRISS CROSS.....*		6	11	2-50,51	26	1.5	13,062	3.77	493	19	38	-306	.00	-11	-17
02-25-64 1378594 4965731 5-71					40		13,854	3.80	527						
1466426 COOLIDGE KENNEOY.....*		1	17	1-86	17	1.4	14,459	3.46	501	29	22	-115	-.04	-9	-10
12-10-63 1389471 3937074 5-71					37		15,100	3.65	551						
1466428 WALHDWDDN VERNSIOE NIM8US.....*		5	4	1-13	10	1.4	14,602	3.67	536	0	28	-11	-.01	-2	-2
08-07-64 1303347 4268445 5-71					26		14,724	3.75	552						
1466454 CA8IN CREEK 8ELL RINGER PRINCE*		1	12	1-23	12	1.6	14,642	3.63	531	0	21	+352	-.02	+10	+17
04-21-64 1314369 4922044 5-71					30		12,892	3.72	480						
1466473 MDSER SKDKIE 8URKE NED.....*		2	10	1-61	12	1.8	17,314	3.68	637	9	24	+454	-.02	+13	+23
04-03-64 1308101 4394044 5-71					15		15,621	3.79	592						
1466495 LDCKWAY ALLEN IVANHDE.....*		3	7	1-23	10	1.4	17,564	3.43	603	10	24	+521	-.08	+7	+19
01-16-64 1189870 4875773 1-71					27		15,512	3.76	583						
1466504 RUGUA 8ENEFACTDR 8LACK JACK...*		2	6	1-16	11	1.0	18,002	3.48	627	9	25	+510	-.07	+8	+20
07-18-64 1199324 5347228 9-70					27		16,167	3.73	603						
1466510 SAXDJAC DEAN KENNEDY KEN.....*		3	6	1-21	12	1.4	16,261	3.44	559	25	28	-587	-.02	-24	-35
05-27-64 1389471 3451302 5-71					19		18,836	3.52	663						
1466511 SAXOJAC SHERRY RAM8LER RD88IE.*	21-10	50	1	2-13,21	52	1.5	16,398	3.57	586	4	75	+780	-.01	+27	+43
06-05-64 975138 4338193 5-71					26		15,520	3.58	556						
1466515 MONTDE JD STAR.....*		4	8	2-51,54	15	1.8	11,757	3.56	419	29	31	-540	+.03	-16	-27
07-21-63 1274923 5126280 5-71					28		13,479	3.51	473						
1466523 8DNNIEREST PEAT GRANOIER.....*	21-10	35	1	2-13,21	36	1.4	14,292	3.46	495	26	67	-783	-.09	-40	-54
08-03-64 1277619 4530673 5-71					24		15,629	3.60	562						
1466540 RICH-HERD HIGHCROFT MAJOR.....*		3	10	2-82,87	22	1.7	15,647	3.37	527	10	36	+70	-.02	0	+2
10-07-62 1150470 4671003 5-71					14		15,618	3.39	529						

REGISTRATION NUMBER / NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1466544 RICH-HERO TEXAL MAINSPOKE.....*		2	10	1-93	12	1.1	18,149	4.12	748		13	21	+114	+.16	+27	+25
10-21-63 010264804 5355851 5-71					81		18,010	3.51	632							
1466578 ROUND OAK PERSEUS EXECUTIVE...*		3	10	1-52	18	1.1	13,362	3.82	510		33	28	-72	+.01	-1	-3
04-02-64 010260599 3757944 5-71					24		13,585	3.83	520							
1466588 CARLIN BELL BOY.....*		2	18	1-48	25	1.4	12,529	3.61	452		13	28	+106	-.01	+2	+4
04-01-64 1423926 4786023 5-71					13		11,956	3.67	439							
1466609 WOODLEDGE EXCEL BURKE-TWIN....*		7	12	2-52,55	37	1.4	15,762	3.44	542		7	45	+47	-.06	-7	-5
11-17-63 1223904 4686645 5-71					73		15,847	3.58	567							
1466645 FAIRHOLM STEVE ELLA SEARS.....	35-75	30	1	9-21,33,	38	1.6	16,841	3.54	596		3	68	+879	-.07	+22	+41
06-04-64 1085978 4799230 5-71				55,91,93	75		15,735	3.63	571							
1466697 BUDD FARM DUPLICATOR ROYAL....*		1	11	1-34	11	1.2	13,443	3.22	433		0	19	+43	-.08	-9	-6
12-14-63 1391048 5317030 1-71					5		13,136	3.68	483							
1466701 MAYERS MONARCH PATHFINDER.....*		1	12	1-35	12	1.4	14,186	3.55	504		0	21	+655	+.02	+27	+39
07-02-64 1395854 5267648 5-71					23		10,679	3.36	359							
1466702 GREEN PASTURES IDEAL LAD.....	35-75	39	1	12-21,35,	45	1.3	14,601	3.68	538		16	70	-247	+.01	-7	-12
08-02-64 1122127 4251644 5-71				41,55,93	47		15,068	3.68	554							
1466703 ELMTREE PONTIAC STAR.....*		3	13	3-16,21,	17	1.5	14,578	3.58	522		25	26	-175	+.01	-5	-9
08-04-64 1397752 5573294 5-71				55	41		15,393	3.56	548							
1466714 WHITTIER-FARMS HI ROMEO.....		1	11	1-14	11	1.3	11,746	3.58	420		18	20	-505	.00	-18	-28
10-20-63 1250992 4792500 1-71					13		14,385	3.62	521							
1466747 VALENTINE EL MINUTEMAN.....*	33-03	6	10	3-84,88,	20	1.5	17,651	3.72	656		5	33	+544	.00	+19	+30
02-13-64 1302760 3574739 5-71				93	37		16,215	3.75	608							
1466748 PUGET SOUND PRESIDENT.....*		6	6	2-33,35	16	1.3	16,178	3.25	525		33	34	+58	-.12	-15	-11
04-23-64 1215448 4485835 5-71					10		16,237	3.57	579							
1466758 TIHO ATLAS-TWIN.....		1	18	1-84	18	1.2	14,073	3.35	472		11	21	-225	+.02	-6	-11
09-07-64 1406271 4361907 5-71					36		15,266	3.31	506							
1466782 FRANCONIA DEE ANN SNOWBALL....*		1	10	1-41	10	1.7	14,561	3.52	513		20	21	-154	-.04	-11	-13
12-18-63 1386406 4938929 5-71					8		15,454	3.75	580							
1466787 LONGCLIFF AGAIN ADMIRAL.....*		1	16	1-32	16	1.3	11,627	3.53	411		0	21	-82	+.02	0	-2
10-23-63 1210078 4940888 5-71					23		11,803	3.44	406							
1466797 ROMANDALE TABUR HIGHCROFT.....*		1	36	1-86	36	1.7	12,885	3.60	464		20	26	-569	+.03	-16	-28
10-01-63 010265607 011248867 5-71					78		15,196	3.51	534							
1466799 RUSSINWOOD DYNAMO.....	35-75	26	1	12-23,33,	31	1.4	14,556	3.57	520		15	63	-247	-.02	-11	-16
07-26-64 1273756 4793836 5-71				35,41,55	35		15,063	3.61	544							
1466801 IDEOGRAPH KENNEDY MASTER.....*		2	10	2-81,87	12	1.2	15,777	3.31	522		36	21	+162	-.06	-2	+3
10-13-63 1389471 5387824 5-71					23		15,137	3.57	540							
1466810 S & W SIGNET BESSIE COMET.....*		2	9	1-32	12	1.3	12,483	3.61	451		18	24	-81	+.01	-2	-4
08-08-63 1357972 4871269 5-71					8		12,702	3.60	457							
1466812 HOMO WIS BURKE MEMORY.....*		16	1	6-42,43,	20	1.4	15,562	3.52	548		18	52	+621	-.01	+21	+34
02-06-64 1013415 5173798 5-71				48,71,74	24		14,405	3.52	507							
1466813 HOMO MISTERY FORTUNE.....		1	31	1-43	31	1.2	14,587	3.59	524		13	24	-52	-.03	-6	-6
05-23-64 1346121 5173801 1-71					19		14,911	3.74	558							
1466816 ALL-KIM-IDA PROUD CAPTAIN.....*		1	10	1-82	10	1.3	12,789	3.60	461		63	19	-470	+.05	-10	-20
06-15-64 1237057 4107892 5-71					15		15,400	3.40	523							
1466862 POY SIPPI FOBES SKYBOY.....*		3	11	2-35,73	16	1.1	14,137	3.50	495		6	25	+124	-.03	0	+3
04-13-64 1418023 3671285 5-71					16		13,614	3.67	500							
1466919 SHER-MAR A B C TRAMPIS.....*		2	13	1-21	16	1.1	17,623	3.53	622		44	23	+152	-.01	+4	+7
08-27-64 1420020 5843562 5-71					22		17,305	3.55	614							
1466939 WILLOW FARM MODEL.....*	35-05	13	2	6-11,12,	21	1.4	16,224	3.82	620		11	50	+212	+.07	+18	+20
04-01-64 1413083 4442098 5-71				13,16,35	26		16,010	3.70	593							
1466948 FOREST GREENE MAPLE BONHEUR...*		2	15	1-21	17	1.4	14,713	3.45	508		31	24	-540	+.01	-18	-29
04-05-64 1378594 4677046 5-71					16		17,323	3.43	595							
1466961 RAVENWOOD RUBY LAD.....	23-13	92	2	6-22,31,	136	1.6	14,491	3.70	536		13	88	+362	+.01	+14	+21
03-30-64 1122127 3688276 5-71				51,52,54	24		14,094	3.70	522							
1466974 PATCH FARM PILOT JULIAN.....*		15	2	7-11,13,	21	1.8	14,552	3.60	524		14	54	-190	-.02	-10	-13
02-23-64 1303347 4430936 5-71				14,16,22	19		15,012	3.65	548							
1466977 SHADY MEADOW KING EX.....*		3	14	2-21,31	18	1.6	12,348	3.67	453		6	26	-328	+.01	-11	-18
11-09-63 1297400 4962005 5-71					13		13,561	3.67	498							
1467006 VALLA VISTA MATT VEEDICTION...	35-21	41	2	5-35,41,	54	1.0	15,696	3.63	570		24	71	+812	-.05	+22	+39
08-08-64 1210507 5190940 5-71				42,47,48	19		14,617	3.71	543							
1467019 HEATHERSTONE SCOTTY ABC-TWIN..		2	18	1-35	20	1.4	11,858	4.01	475		37	24	-297	+.03	-7	-14
12-12-63 1331314 4308118 5-71					20		12,989	3.93	510							
1467024 SPARKER CINSY VENUS JOSH.....*		2	18	1-21	20	1.2	17,950	3.45	619		0	23	+577	-.01	+20	+32
10-05-64 1272896 4804463 1-71					26		15,597	3.42	534							
1467025 RICOEE808 VAL JERRY.....	21-10	35	1	2-13,21	39	1.4	14,029	3.71	521		28	68	-1,056	+.12	-23	-46
04-26-64 1105728 4701607 5-71					26		15,758	3.57	562							
1467039 PENSTATE STAR BOY.....*	35-03	94	4	12-21,32,	184	1.2	14,418	3.86	556		22	88	-283	+.14	+9	0
06-30-64 1410984 4657849 5-71				33,35,43	18		14,830	3.72	551							
1467041 PENSTATE IVANHOE MARKSMAN.....*		1	11	1-52	11	1.5	14,152	3.98	563		18	20	-198	+.02	-5	-9
03-19-64 1270143 5064050 5-71					41		15,275	3.96	605							
1467067 FERNCOL NUGGET.....*		1	10	1-14	10	1.3	14,099	3.60	508		10	19	-85	-.04	-8	-9
09-03-64 1283917 5645026 5-71					61		14,617	3.83	560							
1467115 WILFARMS CRISSCROSS JIM.....*		2	9	1-34	11	1.3	12,026	3.58	431		25	21	-211	.00	-7	-11
06-15-64 1378594 4247567 5-71					16		12,912	3.61	466							
1467157 TARA-HILLS STYLEMASTER.....*	23-11	59	1	3-21,22,	67	1.3	13,095	3.84	503		31	78	-1,218	+.10	-31	-57
01-26-64 010241954 5274215 5-71				23	20		14,739	3.72	548							
1467159 ETHELROY ZIM BOB.....		1	13	1-48	13	1.6	13,300	3.58	476		9	22	-108	+.02	-1	-4
08-11-64 1280603 4452081 5-71					4		13,777	3.51	483							
1467178 ROYAL-PINE VAR BEAUTY.....*		2	9	1-48	11	1.3	18,175	3.50	637		36	21	+195	+.06	+16	+18
07-25-64 1240549 5183341 1-71					18		17,632	3.23	569							
1467211 UNH LAD LUSTER-TWIN.....*	21-10	16	2	3-11,12,	21	1.2	13,734	3.62	497		17	51	-259	-.04	-15	-19
06-18-64 1281479 3738828 5-71				13	22		14,278	3.72	531							
1467224 STERNDALE ROBURKE GRACE WILLIE		1	10	1-23	10	1.7	13,820	4.10	567		33	21	-217	+.07	+2	-4
03-24-64 1422095 3512360 5-71					13		14,986	3.75	562							

REGISTRATION NUMBER NAME DF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MDST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	%	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1467275 OUR FAMILY MAN.....*	33-03	2	16	2-33,61	18	1.5	14,528	3.97	577	19	25		-232	+.01	-7	-12
07-29-64 1435720 4323166 5-71					54		15,648	3.96	620							
1467276 SHAWS CHIEF CRETE LESEYLA.....*		3	19	2-11,15	26	1.2	15,328	3.61	553	10	27		-207	.00	-8	-12
03-02-64 1397517 4394532 5-71					16		16,325	3.64	595							
1467278 SKOKIE FRASEA JEWEL.....*	33-03	18	8	9-21,23,	33	1.5	15,345	3.72	571	10	48		+35	-.01	0	+1
12-25-63 1288610 4457020 5-71				33,35,93	38		15,419	3.77	582							
1467279 SKOKIE CORDNET DUKE.....*		4	4	2-22,34	11	1.2	11,473	3.58	411	60	28		-522	+.02	-16	-27
06-14-64 1288610 5024958 5-71					12		13,250	3.52	466							
1467281 DICTATOR 8 F ESTEEM SKYWAY....		1	25	1-93	25	1.3	19,471	3.32	647	12	23		+242	-.01	+7	+12
02-20-64 1344345 4597345 5-71					137		18,921	3.32	628							
1467282 MERCEDES 8 F ECHO UNIQUE.....*	33-03	4	8	2-35,73	13	1.4	14,804	3.50	518	8	27		+206	-.05	0	+5
03-04-64 1404688 3941983 5-71					30		14,039	3.69	518							
1467291 DIAMOND J DRION ZEST.....*		6	6	1-93	18	1.1	20,393	3.63	741	0	36		+1,195	+.03	+48	+71
04-28-64 1397517 4982446 5-71					65		17,369	3.55	616							
1467293 DIAMOND J DRION ZEUS.....*	93-15	5	12	2-91,93	19	1.1	16,511	3.68	608	26	27		+222	.00	+8	+12
06-19-64 1397517 4044984 5-71					125		15,880	3.70	588							
1467315 SILVERFIELD LEADER IDEAL JDE..		2	8	1-48	14	1.2	15,525	3.53	548	15	28		-128	.00	-4	-7
09-17-64 1374788 4338616 5-71					15		16,222	3.53	572							
1467339 SILVER ROCKET HARRY.....		1	15	1-23	15	1.4	16,123	3.96	638	0	22		+52	+.08	+13	+12
11-06-63 1163043 4256520 1-71					10		16,098	3.63	585							
1467346 HEWVIEW MODEL HERD.....*		1	14	1-23	14	1.2	14,823	3.59	532	7	20		-238	.00	-8	-13
09-28-64 1216668 5333413 5-71					18		16,222	3.59	583							
1467350 HY-DON FANNY CAPTAIN.....		1	12	1-73	12	1.7	16,021	3.33	534	13	22		-89	+.02	0	-2
10-27-63 1144239 4481345 1-71					19		16,712	3.23	539							
1467357 LAKE AIRE MONDGRAM OLIVER.....		1	10	1-35	10	1.5	16,059	3.65	586	20	20		+60	-.05	-5	-3
09-22-63 1335787 4059484 5-71					20		15,963	3.93	628							
1467358 LAKE AIRE COLANTHA JURYMAN....		1	10	1-35	10	1.0	15,464	3.70	572	50	18		+38	-.02	-2	-1
04-16-64 1224102 5424274 1-71					20		15,396	3.90	600							
1467363 SKYWAY PRIDE STAR.....*		15	2	3-41,42,	22	1.2	13,839	3.36	465	47	50		+4	-.06	-8	-7
08-06-64 1411631 5046480 5-71				47	11		13,818	3.48	481							
1467364 SKYWAY ARLINDA JEWEL.....*		4	13	1-93	18	1.1	20,715	3.86	799	29	25		+311	+.04	+17	+22
08-21-64 1411631 3941987 5-71					39		20,101	3.77	757							
1467402 SHAWS CHIEF FERN SIDE.....*		2	12	1-11	14	1.1	16,857	3.76	633	25	22		+119	-.03	0	+3
05-30-64 1397517 3546455 5-71					13		16,574	3.90	646							
1467405 BLOSSOMELLE BLACK WATCH.....*	23-11	205	3	4-16,21,	348	1.2	15,180	3.72	564	15	94		+184	+.04	+12	+15
05-25-64 1189870 4017841 1-71				22,23	21		15,099	3.69	557							
1467425 BROWNES BURKGOV GABRIEL.....*		4	3	1-11	11	1.7	16,439	3.42	563	18	33		+432	-.07	+6	+16
08-09-64 1038509 5086557 5-71					23		15,279	3.60	550							
1467429 STORCHAVEN RAG APPLE LUCIFER..*		1	15	1-23	15	1.4	13,358	3.52	470	7	22		+100	-.04	-2	+1
08-09-64 1329588 4763078 5-71					16		12,781	3.76	480							
1467457 CAL-CLARK POLY MARK.....	35-75	36	1	14-21,35,	42	1.4	15,613	3.73	583	26	69		+20	+.10	+14	+12
08-14-64 1222994 4178079 5-71				41,52,93	52		15,767	3.62	570							
1467479 TRAUNIK KAYTEE CHARM-TWIN.....*		3	10	1-46	15	1.3	16,198	3.27	529	23	27		+109	+.02	+7	+9
04-24-64 1296576 4372312 5-71					11		15,993	3.13	501							
1467481 DISTINCTION MARKEL PILOT.....*		1	10	1-35	10	1.2	11,957	3.90	466	17	19		-124	+.03	-1	-4
08-23-64 1429339 5647876 5-71					35		12,481	3.77	471							
1467507 APPLE LAWN PIONEER.....		1	10	1-45	10	1.4	13,522	3.41	461	0	19		-160	+.01	-5	-8
09-28-63 1292880 4739240 5-71					7		14,409	3.41	491							
1467533 MERIDALE ADMIRATION ONWARD....	21-10	31	1	3-13,21,	32	1.5	15,474	3.49	540	11	65		-33	-.04	-7	-7
08-23-64 1171458 4575808 5-71				74	22		15,702	3.55	557							
1467545 HORSE PEN HILL CHALLENGER.....	61-02	71	2	3-51,52,	108	1.1	14,502	3.61	524	7	83		+103	.00	+4	+6
07-23-64 1291499 3869354 5-71				55	30		14,425	3.61	521							
1467562 MAN-O-WAR 8 F TRIUNE BING.....*		2	8	1-35	13	1.2	13,644	3.57	487	8	25		-247	.00	-9	-14
06-17-64 1326679 4201226 5-71					11		14,703	3.59	528							
1467575 GORLIB MAX OWENS-TWIN.....*		2	18	1-56	20	1.0	14,680	3.49	512	7	22		-96	.00	-3	-5
07-08-64 1382768 4808052 5-71					44		15,252	3.50	534							
1467591 COCHRAN CRISS.....*		12	1	2-16,21	12	1.2	14,250	3.61	515	18	39		-585	+.02	-19	-31
07-14-64 1378594 3850895 5-71					23		15,968	3.59	573							
1467620 HARMONY CREST VAN RINGER.....*	23-09	99	2	4-23,50,	154	1.2	14,204	3.70	525	13	87		-446	-.02	-19	-27
05-22-64 1189870 4245161 5-71				51,52	22		14,801	3.74	553							
1467649 VOSSLER DALE ADANTHA MARK.....*		4	11	1-21	20	1.1	17,012	3.54	602	25	30		+147	+.01	+7	+10
05-31-64 1222994 3353378 5-71					53		16,800	3.48	585							
1467654 BRANLINE PARAGON ROYAL.....*		2	9	2-35,46	11	2.1	13,221	3.66	484	30	25		-167	-.01	-7	-10
12-12-63 1380945 4724155 5-71					19		13,901	3.72	517							
1467667 U-MD JULIAN AL.....*		3	4	1-43	10	1.0	13,696	3.59	492	40	25		-334	.00	-12	-19
04-23-64 1292776 4889285 5-71					64		15,139	3.63	550							
1467712 KEL-8 ROYAL HOMESTEAD.....*		3	31	2-35,65	38	1.0	14,386	3.62	521	5	26		+111	.00	+4	+6
09-28-64 1352707 4556266 5-71					40		13,966	3.62	505							
1467736 KNOLLSIDE MAJORITY JANITOR....*		4	11	1-41	16	1.4	16,088	3.91	629	13	27		-104	+.08	+7	+3
07-11-64 1383004 5315165 5-71					8		16,760	3.67	615							
1467743 J-SMITH INKA SUPREME EL.....*		1	15	1-34	15	1.3	14,139	3.78	534	29	21		-20	+.03	+3	+2
07-23-64 010233528 5567967 5-71					29		14,272	3.66	522							
1467770 MONDCACY-MEADOWS ROYAL EMIL...*		1	13	1-51	13	1.1	11,284	3.88	438	15	19		-356	+.04	-7	-15
07-28-64 1397752 4768765 5-71					7		13,036	3.66	477							
1467777 FLORA TRIUNE PAL.....*		3	13	1-35	18	1.1	12,632	3.47	438	87	25		-149	-.07	-15	-16
04-18-64 1387980 4357062 1-71					10		13,151	3.82	503							
1467785 REFORMATORY GRAPHIC.....*		3	8	1-34	11	1.2	16,315	3.65	595	10	23		+174	-.01	+5	+9
08-28-64 1320015 4603472 5-71					11		15,736	3.69	580							
1467796 ROCK RIVER RECOUNT.....	35-21	29	2	4-34,35,	39	1.0	14,694	3.46	509	21	64		-64	-.12	-19	-17
10-29-64 1265166 5251828 5-71				52,73	17		14,890	3.65	544							
1467797 HAYSSEN ROCKET DOMINO.....*		2	7	2-35,51	11	1.2	14,996	3.37	506	0	24		+164	-.04	0	+4
07-10-64 1397466 4003994 5-71					16		14,360	3.55	510							
1467802 FOXLEASE PONTIAC HANS.....		1	11	1-52	11	1.5	17,703	3.39	601	9	20		+216	-.06	-1	+5
03-09-64 1421505 5420884 5-71					27		16,928	3.68	623							

REGISTRATION NUMBER / NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/OAU	REC/DAU HEROMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREOICTEO DIFFERENCES MILK	%	FAT	$$
1467828 FARMSTEAD BEAUT.....*	61-02	16	1	1-34	19	1.2	16,037	3.70	593		14	49	+353	+.02	+15	+22
06-16-64 1098427 3765696 5-71					15		15,465	3.67	568							
1467831 OONIGAN BUSCHMAN KIT SUPREME..		1	19	1-43	19	1.6	9,499	3.23	307		5	24	-496	-.01	-19	-29
01-18-63 1179373 5103782 5-71					3		11,353	3.35	380							
1467853 BER-CRE-FARM SILVER LAKE OR8IT*		9	3	5-21,23,	22	1.5	17,460	3.55	620		11	48	+755	-.06	+18	+35
09-05-64 1290182 5033370 5-71				51,55,56	29		16,115	3.67	592							
1467859 ORIENT OE KOL CREATOR ROMEO...		5	11	1-31	21	1.3	14,049	3.45	484		5	31	-4	.00	0	0
02-02-64 1197678 3774595 5-71					45		14,078	3.42	482							
1467860 ORIENT VROUKA CREATOR ROMEO...*		6	3	1-31	11	1.1	15,565	3.38	526		0	30	+287	-.04	+5	+12
04-11-64 1197678 3953315 5-71					42		14,695	3.47	510							
1467861 ORIENT POSCH R C BILL.....*		2	8	1-31	10	1.3	14,848	3.55	527		0	21	+258	+.02	+12	+17
05-09-64 1283079 4598026 5-71					45		13,583	3.43	466							
1467862 ROYBROOK REWARO.....	35-75	401	2	35-21,23,	545	1.2	15,046	3.46	521		12	96	+389	-.15	-8	+3
04-20-58 010254339 010781990 1-71				35,55,93	28		14,719	3.62	533							
1467863 GOLO LEAF REGAL OEAN.....		1	14	1-55	14	1.5	12,877	3.95	508		14	22	-28	+.01	0	-1
05-30-64 1400315 5350541 5-71					61		12,908	3.93	507							
1467915 OLYMPIC SEGIS ERIC-TWIN.....	35-75	24	2	10-21,23,	33	1.5	16,106	3.69	595		4	64	+769	+.06	+36	+50
08-16-64 1273756 5031084 5-71				35,42,82	35		15,011	3.61	542							
1468011 SCHUM-ACRES MAJORITY EOITH TIM*	35-05	11	2	3-31,35,	14	1.0	14,755	3.76	555		7	39	+196	+.02	+10	+13
09-23-64 1383004 5042980 5-71				65	16		14,281	3.72	531							
1468034 RICH-HERD TEXAL SUPREME.....*	33-03	208	2	29-21,23,	314	1.1	14,583	3.59	523		19	93	-318	-.03	-16	-22
02-20-64 010264804 4670990 1-71				33,41,93	26		15,034	3.63	545							
1468037 GLENVUE CORVAIR-TWIN.....*		2	7	2-35,73	12	1.5	14,020	3.54	497		8	28	+233	-.02	+5	+10
11-27-63 010260599 010978118 5-71					20		13,093	3.65	478							
1468039 ELLENVALE OESIGN GYPSIE.....*		8	2	3-35,41,	11	1.3	13,719	3.83	526		18	35	-258	+.09	+3	-4
05-11-64 1298378 4571997 5-71				42	14		14,512	3.58	519							
1468041 HOOSIER-DELL COMMANOER SKYLARK	35-75	16	1	6-21,34,	18	1.4	16,159	3.55	574		0	50	+511	-.03	+14	+25
04-15-64 1239242 5265490 5-71				35,55,93	60		15,270	3.61	551							
1468053 OSC TRANSMITTER BURKE ROYAL...		1	13	1-35	13	1.0	14,974	3.77	564		8	19	+15	+.01	+2	+2
11-01-64 1277653 4998976 5-71					20		14,998	3.72	558							
1468066 HULONG FOND JEAN ALEX.....*		9	3	1-34	16	1.4	14,339	3.83	549		47	43	-444	+.06	-8	-18
01-21-64 1243697 4685505 1-71					12		15,539	3.72	578							
1468078 CRISSCROSS OUR CHOICE.....*		5	7	2-22,34	20	1.3	14,215	3.42	486		7	36	+26	-.04	-5	-3
12-10-63 1378594 4407458 5-71					12		14,163	3.56	504							
1468098 PAWNEE FARM ABC ARGUS.....*	35-21	6	27	3-41,47,	38	1.4	15,723	3.91	614		3	31	+264	+.06	+18	+22
02-25-64 1425959 3922839 5-71				48	33		14,965	3.74	560							
1468100 PAWNEE FARM ABC VITO.....		1	19	1-47	19	1.1	13,437	3.88	522		0	21	-13	+.04	+5	+4
07-02-64 1425959 4177009 1-71					12		13,457	3.70	498							
1468108 CEDAR HEIGHTS JUAN-TRIPLET....		1	10	1-42	10	2.5	14,897	3.22	479		0	23	-3	-.03	-4	-3
11-11-62 1185854 4718008 5-71					12		15,022	3.34	501							
1468121 KERBY BONNANZA.....		1	22	1-82	22	1.6	17,658	3.75	662		11	24	+194	-.01	+6	+10
11-19-62 1199324 4509098 5-71					52		17,170	3.81	654							
1468125 STORCHAVEN INKA REFLECTOR.....*		2	13	2-21,23	15	1.5	15,519	3.57	554		18	23	+27	-.02	-2	-1
10-14-63 1298430 5163024 5-71					20		15,568	3.70	576							
1468142 SPRINGIVA REFLECTION LEE.....*		2	11	2-21,23	13	1.3	14,588	3.78	552		18	22	+38	-.01	0	+1
12-19-63 1270143 5108616 1-71					10		14,470	3.84	556							
1468144 S M F AOMIRAL PRINCE.....*		2	10	1-32	12	1.3	10,655	3.57	380		25	22	-789	-.04	-34	-49
08-14-64 1385194 4024530 1-71					6		14,261	3.79	541							
1468151 LEBANON NATHANIEL NOBEL.....*		1	18	1-31	18	1.2	15,397	3.42	527		19	21	-129	+.01	-3	-6
03-04-64 1203114 5069953 5-71					58		16,239	3.39	551							
1468154 TIME-O-OAY MAPLE ARLING.....*		5	7	2-21,35	15	1.3	14,644	3.50	512		15	30	+133	-.03	+1	+4
06-08-64 1386406 4506263 5-71					8		14,231	3.58	509							
1468155 CASWELL OUKE COLANTHUS JOHN...*		1	13	1-55	13	1.0	18,423	3.05	562		0	19	+413	-.06	+7	+17
10-20-64 1112211 4961244 5-71					20		16,506	3.19	526							
1468170 ANEOAW HOUOINI BART.....*		1	14	1-41	14	1.5	12,802	3.52	451		8	22	-96	-.02	-6	-7
10-03-63 1238438 4751156 5-71					5		13,171	3.64	480							
1468202 ROBIN KNOLL DAMOUR TIDY BURKE.		1	17	1-42	17	1.3	15,539	3.46	537		18	22	+98	-.03	0	+3
03-18-64 1283917 4592897 5-71					9		15,212	3.58	545							
1468203 FLAD DAMOUR TEXAL MAPLE.....*		1	10	1-42	10	1.4	15,257	3.44	525		30	20	+208	-.02	+5	+10
04-14-64 1417720 5324623 5-71					8		14,224	3.50	498							
1468212 ASH GROVE FATIMA INKA.....*		2	7	1-46	10	1.7	15,124	4.05	612		0	25	+245	+.02	+12	+16
09-14-64 1280017 5274593 5-71					9		14,160	4.04	572							
1468214 PUTNEY OLE NICK HENRY.....*		1	13	1-13	13	2.5	13,219	3.81	504		0	25	-266	+.01	-8	-14
08-05-62 1349319 3981313 5-71					12		14,335	3.80	545							
1468244 OIAMOND S STERLING ABE.....		3	11	1-93	19	1.1	15,237	3.73	568		0	28	+230	+.01	+10	+14
03-09-64 1416774 4715086 5-71					14		14,473	3.69	534							
1468276 SAMSON LOJAN ELEVATION.....	48-01	94	3	3-47,48,	177	1.2	14,675	3.47	509		13	88	+510	-.08	+7	+19
05-30-64 1271810 4976982 5-71				73	21		14,115	3.55	501							
1468284 COTTERDALE PONTIAC MAJOR.....*		6	3	1-21	13	1.5	13,107	3.47	455		23	38	-727	-.03	-30	-44
09-27-64 1397752 5198781 5-71					22		15,160	3.56	540							
1468327 ORCHARD OAIRY ADMIRAL BILL....*		1	10	1-23	10	1.6	14,194	3.78	537		20	21	-12	+.02	+2	+1
01-22-64 1207770 4345290 5-71					17		14,293	3.71	530							
1468349 REEO GLEN YEOMAN OUKE.....		2	7	1-12	14	1.0	15,176	3.63	551		25	27	-228	+.02	-6	-11
10-07-64 1416113 5042450 5-71					19		16,250	3.61	586							
1468354 PINEMEAD ROYAL CHRIS.....*		8	4	2-35,42	16	1.3	13,568	3.61	490		6	38	-46	-.02	-4	-5
08-26-64 1305460 5049021 5-71					16		13,663	3.69	504							
1468358 SKAGVALE ROYAL GALAXIE.....	91-13	21	2	3-91,92,	32	1.1	17,046	3.51	599		14	58	+466	-.12	0	+12
10-07-63 1385225 4597119 5-71				93	34		16,502	3.69	609							
1468360 LILAC HILL SENATOR VERNON.....*		3	12	1-33	22	1.5	13,041	3.67	479		18	33	-677	-.01	-26	-3
04-08-64 1252985 5029615 5-71					89		15,211	3.73	568							
1468390 ST CROIXCO PRAIRIE PRIME.....*		4	18	1-84	27	1.3	14,983	3.18	476		5	29	+359	-.09	0	
01-20-63 1291499 4451202 5-71					12		13,740	3.45	474							
1468400 KOSSMANN TIDY BURKE WISCAP....*		2	7	2-43,63	12	1.4	15,608	3.29	514		0	27	+402	-.05	+7	+1
05-19-64 1271810 5325775 5-71					16		14,152	3.45	488							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF OAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1468408 SUNNYSIOE FIRST CHOICE.....	41-01	51	3	6-35,41,	72	1.4	14,916	3.53	527		17	76	+289	-.07	0	+7
03-23-64 1242338 3745107 5-71				42,46,87	24		14,600	3.62	529							
1468409 SUNNYSIOE TY VIC LEADER.....	41-01	23	2	2-41,46	30	1.1	14,073	3.60	506		7	58	-250	+.01	-7	-12
08-11-64 1235822 4746529 5-71					28		14,573	3.58	521							
1468413 G-S-S GRANOIER 80NDA LAD.....	35-21	19	2	3-35,41,	22	1.1	13,813	3.67	507		18	52	-303	+.01	-10	-16
02-21-64 1277619 4864798 5-71				42	21		14,454	3.67	531							
1468414 G-S-S GRANDIER POSCH SUPREME..		24	2	4-35,41,	32	1.4	14,073	3.54	498		17	61	-283	-.02	-13	-18
03-14-64 1277619 4220050 5-71				42,48	21		14,605	3.58	523							
1468415 ALFCORN PABST OLIVER BOLD.....*		1	28	1-31	28	1.6	13,378	3.24	434		11	25	-224	-.06	-16	-19
03-29-63 1337278 4709820 5-71					10		14,322	3.52	504							
1468458 KENWALL MASTERPIECE.....*		3	12	2-41,46	16	2.3	14,770	3.71	548		0	28	-60	.00	-2	-3
01-06-63 1305460 5120811 5-71					8		15,103	3.73	563							
1468460 THREE STAKE SEGIS DUKE.....	35-75	20	2	7-21,34,	26	1.4	16,710	3.54	591		13	58	+678	-.08	+13	+28
09-08-64 1222994 4506394 5-71				35,41,93	56		15,710	3.66	575							
1468490 SILVER SHADE ROYAL SKOKIE BEN.*		2	7	1-11	11	1.6	14,422	3.69	532		0	26	+186	+.02	+9	+12
07-13-64 1199324 4124224 5-71					18		13,687	3.64	498							
1468513 EMERALO-EMPIRE GO-8OY BURKE...	35-75	31	2	9-21,31,	39	1.5	15,055	3.56	536		18	68	+210	-.05	+1	+6
07-10-64 1077788 4584964 5-71				32,35,93	51		14,834	3.63	538							
1468560 MD-MAPLE-LAWN PONTIAC JO JO...*		2	21	2-23,51	23	1.5	17,822	3.17	565		10	25	+160	-.07	-4	+1
12-22-63 1397752 3899438 5-71					38		17,551	3.38	593							
1468566 CLIFLOU CYCLONE MOSE.....*		2	6	2-31,57	10	1.2	11,060	3.38	374		50	24	-779	-.04	-33	-48
08-18-64 1341149 5330301 5-71					43		14,380	3.62	520							
1468589 THEMELAN GOLDEN MEMORY.....*		2	12	1-48	14	1.9	12,678	3.34	423		8	25	-133	.00	-5	-8
09-20-63 1388032 5107140 5-71					69		13,125	3.35	440							
1468592 ROYBROOK SUPER8.....*	23-11	52	2	2-22,23	67	1.6	13,456	3.82	514		22	79	-1,371	+.12	-34	-64
10-30-63 010277722 011308024 5-71					22		15,337	3.68	565							
1468621 SUE MAE OIEHL DICTATOR PONTIAC		2	7	1-48	11	1.2	13,120	3.92	514		9	24	-206	+.02	-5	-9
06-04-64 1397752 4299738 5-71					21		13,981	3.88	542							
1468639 TARA-HILLS SUPREME.....*		7	6	2-21,32	24	1.1	15,267	3.59	548		14	42	+60	+.01	+3	+4
07-01-64 010229203 5460240 5-71					17		15,254	3.57	545							
1468658 CHEROKEE-L JEWEL FORETELLER...		1	16	1-35	16	1.0	11,301	3.53	399		**	20	-481	.00	-17	-27
05-17-64 1314449 4832939 5-71					10		13,699	3.56	488							
1468735 GREEN MEADOW PIONEER APOLLO...*		5	9	4-34,43,	17	1.8	14,194	3.54	503		6	33	+67	-.02	-1	+1
07-04-64 1292880 4227776 5-71				48,50	355		13,999	3.65	511							
1468738 RENSINK SKY CHIEF.....*		5	17	4-41,42,	29	1.1	17,722	3.61	639		14	31	+374	-.02	+10	+18
11-07-64 1440501 5390363 5-71				46,47	10		16,796	3.67	617							
1468741 MAR BROOK DEAN R A MARTIN.....	21-10	34	1	2-13,21	37	1.6	14,712	3.52	518		18	69	+394	-.01	-15	-23
05-12-64 1239886 4633179 5-71					27		15,437	3.54	546							
1468816 WESTMORELAND EXPEOITE.....*		2	14	2-31,55	16	1.4	15,769	3.50	552		13	23	+528	-.04	+13	+24
02-14-64 1335787 4590077 5-71					34		13,454	3.67	494							
1468818 B D I ROSNI PRW ABNER.....	35-75	32	2	11-21,32,	42	1.6	15,045	3.51	528		3	70	+274	-.10	-5	+3
06-28-64 1296729 4090626 5-71				35,42,55	34		14,733	3.67	540							
1468819 B O I ROSNI CHAMP ALEX.....	35-75	23	1	10-21,23,	27	1.4	15,619	3.55	554		27	60	+389	-.09	+1	+11
07-14-64 1296729 4623793 5-71				35,41,93	47		15,082	3.70	558							
1468830 BRADSTEAD PABST KINGPIN TODD..	35-75	23	2	9-35,52,	31	1.0	15,817	3.58	567		10	59	+79	-.01	+2	+4
07-31-64 1347940 3925842 5-71				55,91,93	38		15,876	3.60	571							
1468852 EL-LOW RO8ARON HI-SOCIETY.....		1	14	1-41	14	1.6	13,967	3.59	502		14	22	-85	+.02	0	-2
06-24-64 1419722 4291671 5-71					20		14,401	3.51	505							
1468879 ANCHOR ANN BRIGEEN.....*		8	2	4-11,16,	12	1.8	16,064	3.59	577		17	39	+288	-.04	+4	+11
08-06-63 010260599 011529139 1-71				21,34	19		15,480	3.71	575							
1468897 PRINCE WELCREST PERSEUS.....*		1	11	1-21	11	2.3	14,975	3.47	520		0	23	+122	-.02	+2	+5
07-30-63 010260599 011536852 5-71					41		14,506	3.54	514							
1468911 LONDALE REX.....*	21-10	49	2	3-13,21,	58	1.3	14,133	3.67	519		22	74	-518	+.09	-7	-19
07-03-64 1277619 4286525 5-71				23	23		14,937	3.57	533							
1468917 LUDLOW-VIEW HOPE SOVEREIGN....*		2	8	2-31,55	10	1.7	13,897	3.62	503		10	23	-101	-.01	-5	-7
09-30-64 1243697 5649276 5-71					32		14,387	3.68	530							
1468932 CHRISTIM VAL SUCCESSOR.....	21-10	47	2	2-13,21	54	1.5	15,859	3.49	553		12	74	+664	-.07	+14	+29
02-23-64 1245520 4833452 5-71					25		15,076	3.57	538							
1468937 BLANCO DUKE MARK.....	35-75	24	1	11-21,23,	29	1.6	16,952	3.56	604		7	62	+942	-.04	+28	+48
10-05-64 1222994 4261763 5-71				41,55,91	64		15,606	3.62	565							
1468947 FAIRWOOO DUKE 8UBBLER.....*		1	16	1-23	16	1.3	16,307	4.02	655		7	21	+292	+.02	+14	+19
02-03-64 1338728 4463441 5-71					33		15,038	3.96	596							
1468956 PERRY DEAN 8ELWAYNE SEARS.....*		1	14	1-21	14	1.3	11,250	3.74	421		7	21	-725	+.04	-21	-36
10-24-64 1085978 4561642 5-71					11		14,827	3.59	532							
1468957 TECHNY BERNA GRANO OUKE.....*		3	13	2-33,57	23	2.1	14,260	3.78	539		10	36	-234	+.03	-5	-10
07-15-63 1293580 5046429 5-71					28		15,026	3.74	562							
1468987 MAPLE-LEDGE HOOPER ACE.....		6	6	1-13	19	1.1	14,941	3.65	546		44	36	+233	+.03	+12	+16
08-22-64 1085978 5064934 5-71					24		14,328	3.57	512							
1468989 EGGINK HIGH 8OY SARA.....		1	12	1-41	12	2.0	13,970	3.28	458		25	23	-255	+.02	-7	-12
02-08-64 1419355 4846035 5-71					19		15,219	3.22	490							
1468996 ROBTHOM REGENT GOVERNOR.....		2	10	1-43	12	1.0	13,759	3.08	424		45	20	+287	-.07	+1	+8
08-28-64 1250772 3789231 9-70					4		12,173	3.36	409							
1468997 RO8THOM REGENT VOYAGEUR.....	35-21	33	1	5-41,42,	39	1.1	14,045	3.53	496		21	65	-378	-.05	-21	-27
09-13-64 1250772 5307552 5-71				43,47,48	15		14,701	3.62	532							
1468998 GREEN MEADOW BETIJO REWARO....*		2	9	1-71	14	1.0	13,915	3.10	432		0	24	+245	-.04	+3	+9
12-01-63 1303180 5431896 1-71					30		12,777	3.22	411							
1469003 PINEYHILL PONTIAC JULIUS.....*		4	19	1-93	24	1.6	13,770	3.65	503		30	29	-161	+.03	-2	-6
11-02-63 1391977 5066945 5-71					70		14,382	3.57	514							
1469009 PENSTATE GAY LAO.....*	35-03	22	1	5-21,32,	27	1.7	14,104	3.62	511		4	61	-111	-.03	-8	-10
02-11-64 1276654 4849742 5-71				34,35,43	42		14,326	3.69	528							
1469015 CHAM8RIC CITATION ORSON.....*		2	17	1-35	19	1.1	17,090	3.46	592		5	22	+166	-.02	+3	+7
10-20-64 1425137 4970382 5-71					12		16,612	3.54	588							
1469019 LAUXMONT BACHELOR.....*	91-11	72	2	16-23,35,	95	1.1	13,890	3.88	539		17	82	-1,055	+.17	-16	-41
10-08-64 1378594 4388820 5-71				41,42,47	20		15,322	3.69	566							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HO	STATES NO- WITH MOST OAUS	... DAUGHTERS AND HEROMATES ... OAUS HM/DAU	REC/OAU HEROMATE	MILK	%	FAT	%	FAT	1ST REPT INC	%	PREDICTED DIFFERENCES MILK	%	FAT	$$
1469021 HACK MISTERY QUITO.....		1	10	1-43	10	1.4	13,217	3.33	440	0	20	+45	-.04	-4	-2
03-18-64 1346121 5111064 5-71					7		12,882	3.57	460						
1469043 STEVENSOELL KING FOBES BANNER.	35-75	22	1	10-21,35,	24	1.3	15,584	3.51	547	18	57	+278	-.09	-3	+5
10-15-64 1077788 5021774 5-71				41,55,93	39		15,222	3.68	560						
1469044 PREMIUM PERFECTION OUKE.....	35-75	33	1	14-21,23,	39	1.5	15,555	3.63	565	6	68	+271	+.02	+13	+18
11-08-64 1307195 4408754 5-71				32,35,93	76		15,293	3.60	551						
1469045 GILL-ARO GLAMOUR OUKE PAT.....		1	11	1-33	11	1.5	12,525	3.74	468	0	20	+14	-.01	-1	0
09-07-64 1282185 4983007 1-71					12		12,290	3.86	474						
1469079 TO-MAR FONO CEORIC.....		1	19	1-42	19	1.2	9,966	4.16	415	6	22	-326	+.09	0	-8
07-18-64 1347112 4825629 5-71					10		11,199	3.63	406						
1469155 EXRANCO LOMA LINOA.....	93-03	3	11	1-93	18	1.6	17,646	3.57	630	7	30	+83	-.02	0	+2
02-07-64 1397088 5058744 5-71					186		17,750	3.62	643						
1469162 GRAY VIEW X BANJO.....*		4	7	2-33,35	15	1.1	17,874	3.75	671	20	28	+206	+.01	+9	+13
11-21-64 1378594 5108942 5-71					69		17,501	3.73	653						
1469166 GRAY VIEW BELINA COLA-TWIN....*		11	3	2-35,42	22	1.4	15,620	3.75	586	33	50	+243	+.07	+18	+21
10-11-64 1396617 5798523 5-71					19		15,262	3.64	555						
1469167 GRAY VIEW BELINA CROLA-TWIN...*		9	5	4-33,35,	18	1.1	15,452	3.77	582	6	36	+252	+.01	+11	+16
10-11-64 1396617 5798523 5-71				41,47	21		14,849	3.74	556						
1469191 ARCHOLM WALLIE DEAN.....*		5	6	3-32,34,	18	1.1	13,134	3.31	435	6	35	+20	-.06	-8	-6
03-08-64 1190632 5260281 5-71				63	21		12,982	3.50	455						
1469224 RUFF PABST MALLARY.....*		1	11	1-33	11	2.0	15,502	3.45	535	20	22	+275	-.06	+2	+9
01-08-63 1237747 4163545 9-70					9		14,267	3.69	527						
1469232 HARBORCREST DISTINCTION SIR...*	31-02	4	7	1-35	12	1.1	17,746	3.43	608	8	25	+429	-.05	+8	+18
07-11-64 991741 4818989 5-71					14		16,229	3.60	584						
1469248 OON AUGUR ROYAL ALLEN.....*		15	2	9-13,21,	21	1.1	13,924	3.48	484	10	49	-247	-.04	-15	-19
12-07-63 1397752 4821413 5-71				31,34,57	152		14,486	3.58	518						
1469260 CLIFFOALE CRISSCROSS BARRY....*		3	5	1-21	10	1.5	13,003	3.85	501	40	28	-555	+.07	-10	-23
11-04-64 1378594 4588701 5-71					24		15,145	3.61	547						
1469281 RICHVALE GOVERNOR PIEBE.....	35-75	34	1	12-21,33,	42	1.4	15,390	3.74	576	14	69	+220	+.04	+14	+17
08-01-64 1010936 4678430 5-71				41,55,91	50		15,198	3.69	561						
1469290 VOLENDAM CHARIOTEER PILOT.....*		3	9	1-11	14	1.1	17,744	3.70	657	0	25	+168	+.04	+12	+14
08-09-64 1254887 3593770 5-71					15		17,412	3.57	622						
1469298 SHURLAKE FOBES IDEAL HEARTY...*		3	15	1-11	20	1.3	13,615	3.89	529	40	26	-497	.00	-18	-28
03-11-64 1113350 4467065 1-71					18		15,673	3.90	612						
1469311 MILK & HONEY LINDA FONO IMAGE.*	23-13	254	3	7-21,22,	449	1.5	15,789	3.77	596	10	95	+521	+.08	+31	+39
04-29-64 1243697 4282302 5-71				23,35,54	21		15,387	3.70	570						
1469339 SAPA SKA RINGO COMRE.....	35-21	29	1	4-35,41,	34	1.2	14,369	3.88	557	15	63	-90	+.13	+15	+10
06-28-64 1242338 4225852 5-71				42,47	16		14,577	3.68	537						
1469340 SHAWS REWARD ARISTOCRAT.....*		7	3	2-11,14	13	1.2	16,658	3.79	631	33	36	+347	+.01	+14	+21
10-17-64 1269391 5531508 5-71					22		15,878	3.80	603						
1469342 LANGE ROYAL HEADLINER.....*		3	5	2-21,35	10	1.8	15,569	3.60	561	13	28	+5	.00	0	0
07-15-63 1305460 3881863 1-71					45		15,729	3.62	570						
1469347 WINOY NOTCH PRIDE ADMIRAL.....*		1	11	1-16	11	1.2	15,123	3.56	538	18	19	+219	-.04	+2	+7
05-15-64 1237057 5292423 1-71					27		13,978	3.80	531						
1469349 N O H TONEY ROBURKE.....*		1	13	1-73	13	1.1	13,724	3.58	492	54	19	+145	+.01	+6	+9
08-23-64 1184848 4344119 5-71					23		12,868	3.57	459						
1469363 CARLIN FOND JEWEL BARON.....		1	25	1-48	25	1.4	15,359	3.71	570	8	24	+73	+.02	+5	+6
01-27-64 1423926 5424491 5-71					33		15,175	3.64	553						
1469377 MEREDITH SKOKIE REPEATER CHAMP*		3	5	1-51	11	1.3	13,857	3.93	544	9	28	+95	.00	+4	+6
11-19-64 1386058 4938208 5-71					23		13,466	3.94	531						
1469422 BELLA VISTA CHRISTY.....*		3	9	1-34	12	1.3	14,411	3.76	542	17	23	+94	+.05	+10	+11
07-17-63 1378594 4352980 5-71					12		14,015	3.55	497						
1469425 SHELL FARMS ABS CASANOVA.....*		2	13	1-23	15	1.3	14,425	3.83	553	13	23	-277	+.03	-6	-12
05-25-64 1221226 5065175 5-71					33		15,839	3.73	591						
1469429 THE MEADOWS CHAL COLA.....*		5	9	1-42	23	1.1	15,638	3.43	537	17	35	+109	-.02	+1	+4
09-13-64 1291499 5621909 5-71					20		15,482	3.48	538						
1469445 WILGERBIN ROBURKGOV BELVADERE.*		1	10	1-87	10	1.2	14,782	3.48	515	33	19	+25	.00	+1	+1
02-08-64 1294703 5175314 5-71					22		14,723	3.47	511						
1469503 JEFFERSON-CF KING.....*		4	4	1-35	10	1.1	13,277	3.71	492	20	27	-27	.00	-1	-2
09-17-64 1316533 5099383 5-71					26		13,318	3.74	498						
1469508 DIAMOND BELL CANARY.....		2	8	1-42	12	1.3	13,260	3.78	501	0	25	+37	+.03	+5	+5
08-18-64 1423586 4138006 5-71					11		13,021	3.66	477						
1469521 RAG APPLE BROWNOALE HIGH MARK.*		1	10	1-21	10	1.3	13,534	3.66	496	**	19	-124	+.02	-2	-5
04-23-64 010229512 011146475 5-71					32		14,217	3.60	512						
1469540 LOCKWAY LUCIFER W IVANHOE.....*		3	20	1-23	24	1.4	15,023	3.83	576	33	26	-206	+.05	0	-5
06-01-64 1449040 4225111 5-71					19		16,016	3.66	586						
1469555 RIDGEPORT ZELOEN FRASEA MAC...*		2	11	1-91	13	1.3	11,948	3.58	428	8	22	-44	+.01	0	-1
07-04-64 1397752 4944270 1-71					33		11,952	3.56	426						
1469561 PAUL FARM HE-BOY.....		2	22	1-32	24	1.3	12,682	3.60	456	4	24	-2	-.03	-4	-3
07-02-64 1237057 3911264 5-71					11		12,556	3.78	475						
1469570 ALTURA MADORA OUKE.....*		5	2	1-41	10	1.1	15,604	3.40	531	14	30	+211	-.08	-4	+2
08-22-64 1421321 5576117 5-71					17		15,003	3.67	551						
1469574 OAKMULGEE SUPREME SUPERMAN....		1	16	1-52	16	1.3	14,418	3.59	517	6	22	+103	+.01	+5	+7
08-19-64 1414611 5136960 9-70					17		13,939	3.52	491						
1469595 LECAL HEADMASTER LUCKY.....		1	17	1-11	17	1.2	16,972	3.85	654	0	21	+81	+.04	+8	+9
02-27-64 1349029 4978472 5-71					11		16,890	3.74	631						
1469597 LECAL HEADMASTER HIGH-HAT.....		1	12	1-11	12	1.2	13,718	3.62	496	36	19	-254	+.02	-7	-12
10-17-64 1349029 4242812 1-71					22		15,153	3.58	543						
1469606 OKLASTAPEN CAPTAIN FLOOD.....*		1	10	1-73	10	1.2	13,263	3.47	460	50	19	-352	-.02	-15	-22
09-18-64 1429384 5191916 5-71					50		15,295	3.62	553						
1469612 KNOLLSIDE REGENT SARGE.....*		5	8	2-46,47	15	1.3	16,674	3.53	588	8	29	+328	+.01	+13	+19
09-05-64 1250772 4507371 5-71					11		15,703	3.48	546						
1469616 MOON MEADOWS LAD BRAVO.....*		1	16	1-34	16	1.6	13,729	3.95	542	0	23	+23	+.02	+4	+4
05-09-63 1370868 4652748 5-71					27		13,591	3.88	528						

REGISTRATION NUMBER / NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1469619 WOODLEDGE ALERT BURKE.....*		1	20	1-52	20	1.6	15,944	3.76	600		5	24	-155	+.04	0	-4
12-22-62 1342351 4385937 5-71					21		16,900	3.65	617							
1469635 CLOVERTOP MAPLE ROYAL.....*		1	16	1-51	16	1.4	14,213	3.62	515		27	22	-181	.00	-7	-11
10-08-64 1386406 5451942 5-71					50		15,152	3.67	556							
1469651 POTTER FARMS SEARS WIZZARD....*		3	6	1-21	15	1.4	16,252	3.23	525		0	34	+651	-.10	+9	+24
03-15-64 1085978 3556564 5-71					29		14,368	3.47	498							
1469705 HOMERDALE SEARSFARM SHEIK.....*		3	8	1-21	17	1.1	16,093	3.67	591		18	30	+16	+.05	+7	+6
10-30-64 1085978 4169820 5-71					37		16,275	3.54	576							
1469717 SKYWAY PRIDE LAD.....*	35-21	6	7	4-13,35,	15	1.5	15,473	3.62	560		0	31	+353	-.01	+11	+18
09-03-64 1411631 4597344 5-71				42,56	22		14,395	3.67	528							
1469721 TOWERDALE REX.....*		3	4	1-34	10	1.0	14,023	3.75	526		40	25	-249	-.01	-10	-15
09-14-64 1320015 5434879 9-70					26		15,129	3.82	578							
1469741 WAWACO FORTY-NINER GENTLEMAN..*		1	24	1-91	24	1.5	17,374	3.59	623		5	24	+115	+.06	+12	+13
08-05-64 1437823 4780545 5-71					86		17,227	3.37	580							
1469749 BALLARD FARM GLAMOUR BOY.....*		1	12	1-23	12	1.3	13,308	3.52	468		0	20	-29	-.01	-2	-2
10-14-64 1282185 5024236 5-71					9		13,402	3.57	478							
1469779 PLAINSITE POLYTECHNIC OLIVER..*	35-75	27	1	9-21,23,	31	1.6	14,982	3.80	570		15	64	+4	+.14	+20	+17
06-10-64 1010936 4894868 5-71				34,55,93	61		15,090	3.59	542							
1469808 MAYERS DUKE RETAINER.....*		1	21	1-35	21	1.2	11,480	3.28	377		29	22	-453	-.03	-21	-29
04-18-64 1293580 3638095 5-71					12		13,468	3.52	474							
1469809 PRIDE VAUGHT FARMS REFLECTION.		1	12	1-74	12	1.3	13,226	3.15	417		0	20	+328	-.04	+6	+13
02-01-64 1227684 4885454 1-71					19		11,306	3.28	371							
1469815 REX BURKE IDEAL.....*		6	6	1-31	15	1.3	16,630	3.83	637		7	32	+440	+.08	+27	+34
05-25-63 1297169 5164621 5-71					17		15,404	3.62	558							
1469827 OXFORD HEIGHTS PAUL ATLAS.....*		2	10	2-21,61	13	1.2	13,262	3.69	490		30	23	-176	+.03	-2	-6
04-06-64 1443217 4799030 5-71					23		14,040	3.60	505							
1469829 OXFORD HEIGHTS SUPREME ATLAS..*		1	10	1-13	10	1.2	11,618	3.76	437		10	19	-225	+.02	-5	-10
05-24-64 1443217 4799014 5-71					17		12,710	3.68	468							
1469857 JMEIER SKOKIE BEN.....		1	46	1-33	46	1.6	11,863	3.84	456		30	26	-371	+.02	-10	-18
10-11-63 1199324 5264030 5-71					28		13,205	3.76	496							
1469876 ARBORDALE CARNATION MASTER....*		2	10	1-33	13	1.4	13,535	3.66	496		18	24	-169	-.04	-12	-14
08-22-64 1380945 4325383 5-71					6		14,263	3.88	553							
1469896 ANEDAW SIGNET BERNIE.....*		1	19	1-41	19	1.2	14,080	3.52	496		20	22	-213	-.04	-13	-16
10-05-64 1435523 5450461 5-71					19		15,199	3.73	567							
1469898 ANEOAW POLYGOV COLONEL.....	35-75	19	1	8-21,23,	22	1.2	16,230	3.54	574		10	53	+507	-.06	+10	+21
11-13-64 1010936 4305628 5-71				41,55,93	39		15,429	3.64	562							
1469919 GAR-BAR-OALE DUNLOGGIN MISTIE.*	72-01	48	3	8-31,55,	85	1.1	14,022	3.61	506		12	77	-300	-.02	-13	-19
05-D4-64 1346121 4793552 5-71				56,57,72	30		14,466	3.64	527							
1469926 HEUERS FOND BLACKY.....*		2	7	1-41	10	1.3	13,271	3.65	485		22	23	-98	+.03	0	-3
10-15-64 1243697 5433737 5-71					6		13,681	3.55	486							
1469937 CHIEF SUNNYSIDE ADMIRAL.....*		1	12	1-41	12	1.1	15,036	3.55	534		0	19	+353	-.01	+11	+18
08-20-64 1411230 5794701 5-71					12		13,095	3.62	474							
1469942 ZIMMERMAN LESTAR PILOT AIRY...		2	12	1-41	14	1.4	17,171	3.85	661		21	23	0	+.01	+2	+2
11-29-63 1307857 5499455 5-71					14		17,533	3.83	671							
1469943 ZIMMERMAN PILOT STAR ERNIE....*	23-13	15	5	9-14,21,	28	1.2	14,581	3.84	560		26	48	-276	+.04	-4	-10
08-10-63 1261857 4706634 5-71				23,31,33	22		15,288	3.78	578							
1469945 ZIMMERMAN DEAN STAR ED.....*		1	30	1-21	30	1.8	14,516	3.71	539		0	26	+113	+.06	+12	+13
04-15-64 1433539 5141331 5-71					21		14,096	3.48	491							
1469946 ZIMMERMAN DEAN STAR PEP.....*		1	25	1-21	25	1.2	12,147	3.65	443		15	23	-273	+.01	-9	-15
04-21-64 1433539 5680738 5-71					75		13,287	3.64	484							
1469961 BESVIEW LAKEFIELD RUBE.....*		4	8	2-21,23	13	1.2	15,021	3.61	542		15	25	-116	+.06	+4	0
09-22-64 1243697 5596057 5-71					69		15,655	3.38	529							
1469964 OWEN SIR ROSE LYONS.....*		2	10	1-23	12	1.8	16,971	3.84	651		8	24	+79	-.01	+2	+4
06-15-64 991741 5018165 5-71					20		16,946	3.89	660							
1469974 FOXLEASE IVANHOE FOLLOW-ON....*		1	17	1-31	17	1.4	17,717	3.75	664		6	22	+179	+.03	+10	+13
09-28-64 1189870 5328346 5-71					12		17,234	3.66	630							
1469997 GA-NA PAYMASTER JERRY.....*		1	10	1-33	10	1.9	14,180	3.44	488		20	21	+90	-.02	+1	+3
12-24-63 1333526 4980096 5-71					22		13,735	3.51	482							
1470009 ARLINDA CHIEF DIAMOND-TWIN....		1	15	1-93	15	1.0	18,580	3.69	686		7	20	+19	+.10	+14	+12
08-18-64 1427381 3935119 5-71					150		18,986	3.30	627							
1470014 ARLINDA SENATOR CURTISS.....	33-03	52	2	16-21,23,	64	1.0	15,306	3.51	538		18	75	-346	-.09	-25	-30
10-10-64 1252985 4546976 5-71				35,41,93	27		15,971	3.64	581							
1470026 MUTUAL ROYAL CARNATION.....*		1	15	1-52	15	1.3	12,852	3.72	478		23	21	-173	+.05	0	-4
06-24-64 1376906 4497313 5-71					13		13,636	3.50	477							
1470035 LOCHLAWN SIR TOGEY HOPE.....*		4	9	2-41,47	19	1.2	14,345	3.95	566		17	32	-405	+.06	-6	-15
09-16-64 1436447 4918523 5-71					21		15,783	3.78	597							
1470072 GREENWOOD IVY SYLVIA.....*		11	2	4-22,51,	15	1.2	16,064	3.46	556		0	40	+639	-.07	+13	+27
04-05-64 1410708 4268788 5-71				73,74	28		14,528	3.62	526							
1470085 KNOLLTOP AUDACIOUS MARK.....		1	26	1-34	26	1.7	15,488	3.63	562		10	25	+46	+.02	+4	+5
01-10-64 1410978 4980131 5-71					4		15,455	3.57	552							
1470107 MEADOWILL JERRY.....*		1	10	1-35	10	1.1	13,561	3.62	491		11	18	+102	.00	+3	+5
09-06-64 1276654 4986820 5-71					14		12,893	3.65	470							
1470112 WILOTOP ROXANNA DUKE.....	35-75	17	2	9-21,31,	23	1.3	14,925	3.58	535		10	54	-119	-.03	-8	-10
11-09-64 1298197 4661407 5-71				41,55,92	49		15,283	3.64	557							
1470121 SUNNY BROOK NANCY JO BURKE....*		1	10	1-34	10	1.3	12,395	3.74	463		0	19	-217	+.05	-1	-6
08-09-64 1238933 4246453 5-71					15		13,492	3.47	468							
1470139 QUIET ACRES ACE RAG APPLE.....		1	26	1-91	26	1.1	17,032	3.68	626		4	22	+44	+.01	+3	+4
08-03-64 1305813 4947602 5-71					176		17,157	3.65	626							
1470149 WEARY RIVER REGAL.....		2	6	1-93	12	1.0	15,808	3.52	557		10	26	-433	+.03	-12	-21
10-24-64 1305460 5281159 5-71					127		17,907	3.47	621							
1470157 HOWVALE GYPSIE VERNON.....		8	10	5-12,13,	24	1.3	15,708	3.92	615		5	36	+409	+.07	+25	+31
09-06-64 1292915 4467326 5-71				14,16,21	30		14,646	3.75	549							
1470167 COMBS-FARM I INVADER.....		6	7	2-54,63	16	1.1	14,340	3.59	515		31	31	-500	+.01	-17	-27
12-28-63 1415085 3943618 5-71					21		16,196	3.60	583							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1470170 KELLINE DANDY GEORGE.....*		2	15	1-35	17	1.6	14,772	3.86	570	0	25	-152	+.02	-3	-6
11-15-63 1315953 5097573 5-71					20		15,553	3.84	597						
1470180 MANORCREST FRASEA CHIEFTAIN...	21-10	42	1	2-13,21	44	1.5	15,612	3.41	532	3	72	+261	-.10	-5	+3
09-01-64 1307195 4916539 5-71					26		15,395	3.54	545						
1470184 TEXAL SKAGVALE MIDAS.....*		6	3	2-81,91	13	1.7	13,007	3.58	466	15	37	-597	+.04	-16	-29
01-21-64 010264804 5830000 5-71					17		14,695	3.49	513						
1470217 8DI ROSNI CHAMP OLIVER.....		2	26	1-52	39	1.1	15,876	3.39	538	8	30	0	-.02	-3	-2
07-05-64 1296729 4604716 5-71					107		16,093	3.46	557						
1470220 VAIDA ADMIRAL BRUCE.....*		4	5	1-16	18	1.6	12,641	3.76	475	33	42	-801	+.06	-21	-38
12-28-63 1237057 5061609 5-71					19		14,639	3.63	531						
1470223 SLEEPY HOLLOW PRINCE ALBERT...*		1	28	1-93	28	1.3	18,328	3.74	685	11	23	+41	+.03	+5	+5
06-26-64 1315423 5236210 5-71					87		18,620	3.66	682						
1470237 LIME HOLLOW ROBURKE DE KOL....	35-75	27	1	11-23,35,	33	1.5	16,360	3.49	571	7	64	+333	-.13	-7	+3
10-25-64 1038509 4247611 5-71				52,55,93	81		16,054	3.69	592						
1470238 LIME HOLLOW BURKGOV CHUM.....	35-75	21	2	8-21,31,	28	1.4	16,093	3.67	591	23	59	+443	+.01	+17	+26
10-30-64 1038509 4312108 5-71				35,41,93	24		15,492	3.67	568						
1470239 LIME HOLLOW GRANDIER REBLE....	35-75	22	1	7-21,35,	24	1.3	16,426	3.55	583	14	56	+401	-.04	+9	+18
12-16-64 1277619 4735487 5-71				55,91,93	57		15,911	3.61	574						
1470263 SPY ROCK VALIANT DUKE.....*	23-13	15	1	2-22,23	16	1.3	14,557	3.70	539	13	46	-135	-.02	-7	-9
10-20-64 1288610 5381078 5-71					20		14,954	3.76	562						
1470277 EXRANCO SPARTAN PRINCE.....		1	10	1-92	10	1.0	16,021	3.51	562	0	18	+143	-.04	-1	+3
10-12-64 1397089 5058734 5-71					1		15,355	3.78	581						
1470287 MAYERS PRINCE IRISH.....*		1	11	1-35	11	1.6	13,770	3.94	542	18	21	-272	+.07	0	-7
04-19-64 1350699 4690330 5-71					18		15,183	3.58	544						
1470295 GRAHAVEN CITATION MR PLAYBOY..*		7	3	3-42,47,	14	1.2	12,653	3.72	471	21	37	-370	+.04	-8	-16
05-05-64 1492073 011390137 1-71				74	15		13,612	3.64	495						
1470376 WOODHOUSE ROSCOE CROSS.....*		6	9	2-21,23	37	1.3	13,477	4.00	539	15	49	-661	+.15	-4	-20
04-28-64 1378594 5453892 5-71					19		14,939	3.71	554						
1470400 JOAL-ANN SKYLINER AL.....*		3	7	1-23	15	1.5	15,746	3.65	574	20	32	-64	+.03	+2	0
12-27-63 1244845 4911056 5-71					14		16,171	3.56	575						
1470424 FILCO GOLDEN PONTIAC 25TH.....		1	16	1-41	16	1.3	14,671	3.61	530	8	21	-52	-.03	-6	-6
06-09-64 1397397 4595484 5-71					68		15,028	3.79	570						
1470432 YODER OALE SKOKIE FOBES.....		2	19	1-34	38	1.2	13,689	3.81	521	14	35	-212	+.08	+3	-3
12-30-63 1267271 4854390 5-71					19		14,332	3.59	514						
1470462 ORMSBY LEADER OICK.....		1	13	1-35	13	1.2	14,471	3.50	507	11	20	-146	+.02	-3	-6
11-02-64 1269459 5034690 1-71					13		15,357	3.46	532						
1470485 OIPPLEHURST STAR SIR.....*		3	5	1-31	11	1.0	13,149	3.37	443	0	25	-9	-.01	-2	-2
12-08-64 1444693 5526865 5-71					7		13,105	3.42	448						
1470490 JERGENS GYPSIE HIGHCROFT BURKE*		1	13	1-46	13	1.0	13,785	3.22	444	33	19	-115	-.07	-14	-15
07-01-64 1416711 5131174 5-71					15		14,445	3.65	527						
1470492 JERGENS REVELATION BARON.....*		5	7	1-46	17	1.1	13,393	3.80	509	21	32	-64	+.01	-1	-2
02-05-64 1427872 4420814 5-71					11		13,560	3.82	518						
1470493 JERGENS EMPEROR HIGHCROFT JO..*		3	9	2-42,46	14	1.2	17,690	3.54	627	15	26	+536	.00	+19	+30
07-16-64 1455399 5392125 5-71					13		15,779	3.55	560						
1470512 PAULINA TOP SPOT.....	61-02	30	2	3-31,32,	45	1.3	16,467	3.60	592	3	68	+1,107	-.04	+34	+57
05-31-64 1087974 5012390 5-71				34	18		14,926	3.66	546						
1470521 VILLA ROSA CRUSADA IDEAL.....*		1	11	1-33	11	1.7	15,336	3.39	520	9	22	+144	-.03	+1	+5
08-13-64 1426384 5144948 5-71					43		14,752	3.49	515						
1470588 EXRANCO SOVEREIGN KNIGHT.....	93-03	4	7	1-93	15	1.4	18,641	3.71	692	0	30	+350	+.05	+20	+26
09-24-64 1242221 5621198 5-71					169		17,884	3.58	641						
1470607 SHAWS MAPLE TIOY LESEYLA.....*		5	3	2-13,21	10	1.2	16,698	3.61	603	20	29	+436	.00	+16	+25
01-02-65 1365908 3556988 5-71					32		15,318	3.62	554						
1470609 KIRTLAND SYLVIA FOND HOPE.....*		1	10	1-31	10	1.3	11,990	3.83	459	0	19	-358	+.01	-12	-19
11-26-64 1243697 4946952 5-71					15		13,859	3.82	529						
1470689 COOLIOGE MASTER J KENNEOY.....		2	7	1-86	10	1.2	14,126	3.12	441	22	22	-151	-.01	-7	-10
11-10-64 1389471 5064354 5-71					35		14,904	3.19	476						
1470694 DOUG-MAR ROYAL CRISSCROSS.....*		6	19	4-21,34,	33	1.0	14,340	3.73	535	6	31	+47	+.03	+6	+6
10-04-64 1378594 4850815 5-71				57,61	343		14,217	3.64	518						
1470739 ERIE-BELL BOLD MISTERY.....*		5	10	2-31,63	21	1.2	14,989	3.36	504	0	32	+8	-.07	-9	-7
05-05-64 1346121 4872483 5-71					18		15,078	3.57	539						
1470757 WESTFALL GLAMOUR BOY IRONMAN..*	23-13	156	2	6-16,21,	231	1.2	16,109	3.51	566	10	91	+680	-.19	-3	+15
11-30-64 1282185 4955147 5-71				22,23,51	23		15,522	3.72	578						
1470759 ARINGMAC ADMIRAL.....		1	12	1-52	12	1.3	15,768	3.55	559	8	20	-50	-.04	-7	-7
08-01-64 1237057 4466545 1-71					16		16,252	3.74	608						
1470784 AUFDERMAUR DUKE EMPEROR.....		2	9	1-93	16	1.2	20,953	3.32	696	6	29	+633	-.02	+20	+33
09-12-64 1330987 5351029 5-71					49		19,283	3.31	639						
1470789 CRISTMAN ABE.....*		6	3	5-21,31,	11	1.3	15,247	3.54	539	0	32	+265	+.02	+12	+17
09-12-64 1243697 5018918 5-71				34,71,84	15		14,459	3.46	501						
1470836 MACHOLO BURKGOV DAKOTA PABST..*	21-10	47	4	2-13,21	60	1.1	15,981	3.50	559	24	69	+372	-.04	+8	+16
12-26-64 1223243 4607721 5-71					24		15,609	3.54	552						
1470837 MOWRY SENATOR EMPEROR.....*		1	18	1-23	18	1.4	16,908	3.24	547	17	23	-384	-.02	-17	-24
10-26-64 1252985 5018234 5-71					50		19,123	3.35	640						
1470927 MAPLE HILL OIANE DENNIS.....*		1	25	1-33	25	1.5	15,349	3.42	525	0	24	+219	-.06	0	+6
07-16-64 1244845 5402425 5-71					9		14,498	3.66	530						
1470929 BAN-HARAM ADMIRAL CHAMPION....*		1	18	1-54	18	1.3	14,027	3.85	540	11	22	-246	+.04	-4	-10
06-12-64 1237057 5317114 5-71					34		15,275	3.73	569						
1470983 PREMIUM MEADOW MONARCH.....	35-75	12	2	8-21,23,	16	1.3	14,787	3.56	527	31	45	-133	-.03	-9	-11
12-01-64 1239886 4447465 5-71				34,35,93	62		15,214	3.65	555						
1471048 HYCLEO SKYHAWK ROCKET.....*		2	14	2-48,93	16	1.9	14,007	3.88	544	0	26	-4	+.03	+4	+3
11-05-63 1419922 4582082 5-71					28		14,037	3.79	532						
1471074 NAMRAC HIRAM ROSNI SEARS.....	21-10	33	1	2-13,21	34	1.3	15,801	3.53	557	16	65	+434	.00	+15	+24
09-18-64 1296729 4804781 5-71					24		15,267	3.52	538						
1471077 BROWNSON RAG APPLE PROMISE....		1	19	1-34	19	1.2	13,317	3.42	455	33	22	-137	-.04	-11	-13
07-08-64 1429447 5815536 5-71					4		13,956	3.65	510						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1471127 THOMPSON OAKS CRISSCROSS.....*		10	2	5-23,51,	14	1.3	14,966	3.57	534		8	41	+54	-.01	0	+1
07-31-64 1378594 5373840 5-71				52,55,61	25		14,932	3.60	538							
1471130 FACER FARMS IMPERIAL SEARS....*		1	10	1-21	10	1.2	18,645	3.36	627		10	19	+313	-.07	+2	+10
10-04-64 1085978 3976951 5-71					46		17,297	3.62	627							
1471134 ROAO SIDE MICKY.....		2	8	1-42	10	1.2	13,638	3.86	526		20	20	-345	+.05	-6	-14
03-02-64 1292880 4903016 1-71					9		15,500	3.65	565							
1471147 DELLFIELO PALMYRA SUPREME.....		2	6	1-93	11	1.1	18,492	3.54	655		18	25	+573	-.04	+15	+27
07-01-64 1440846 4938325 1-71					43		16,419	3.68	604							
1471148 OELLFIELD STYLEMASTER OON.....	35-75	21	1	10-33,35,	26	1.4	16,390	3.58	586		8	58	+346	-.03	+8	+16
07-30-64 1222994 4727699 5-71				41,55,93	72		16,000	3.63	580							
1471151 CHARNETZKI MASTER JIM.....*		5	12	1-45	20	1.2	13,529	3.71	502		5	29	-117	+.06	+4	C
12-25-63 1268689 4353592 5-71					5		13,936	3.49	487							
1471162 SIMPSON FARM TIOY IVANHOE.....*		3	8	1-23	13	1.4	16,938	3.63	615		25	27	+289	-.01	+9	+15
07-19-64 1300014 5402467 5-71					22		16,060	3.67	589							
1471167 ALSFARM SENATOR SUCCESSOR.....*		2	8	1-21	14	1.1	17,208	3.33	573		0	27	+158	-.08	-5	0
07-06-64 1252985 4873710 5-71					33		16,915	3.57	604							
1471168 ALSFARM SENATOR ROYAL.....*		7	4	3-13,16,	15	1.4	14,767	3.64	537		0	37	-210	+.03	-4	-9
07-07-64 1252985 3723511 5-71				21	22		15,493	3.60	557							
1471171 EOGEWOOD HALL IVANHOE VIC-TWIN*	33-03	211	2	32-21,23,	300	1.1	14,417	3.54	510		15	93	-448	-.09	-28	-35
07-07-64 1189870 3944182 1-71				55,42,93	21		15,007	3.63	545							
1471173 RUSHMERE TRIUNE TONY.....*		1	10	1-35	10	1.0	16,276	3.50	570		33	18	+67	-.02	-1	+1
08-26-64 1444423 5579031 5-71					30		16,116	3.64	587							
1471188 ROLINDA TOP HOMESTEAD-TWIN....		1	13	1-93	13	1.1	17,226	3.47	598		0	19	+382	-.02	+11	+19
10-01-64 1283231 5442765 5-71					82		15,403	3.55	547							
1471194 RI-VAL-RE MISTER.....*		6	13	2-34,64	22	1.2	14,648	3.73	546		20	30	+138	-.01	+4	+7
03-29-64 1274684 4807765 5-71					35		14,208	3.77	535							
1471195 RI-VAL-RE MUTUAL PAT.....	35-75	19	2	9-33,34,	28	1.5	15,628	3.62	565		12	57	+175	.00	+6	+10
05-24-64 1087974 5318414 5-71				35,55,93	130		15,476	3.62	560							
1471217 CRISTY-LEE MAJOR RAG APPLE....*		1	11	1-21	11	1.0	14,955	3.53	528		73	18	-16	-.02	-3	-3
10-11-64 1200082 5112271 5-71					16		15,174	3.64	553							
1471235 GLADTIME ROBURKE OAGAN.....	35-75	20	1	8-21,35,	24	1.5	16,727	3.51	587		10	57	+773	-.08	+16	+33
09-16-64 1223243 4228845 5-71				55,91,93	78		15,526	3.65	566							
1471260 HONOR GRAND JESS.....	21-10	30	1	2-13,21	32	1.3	15,745	3.60	567		12	64	+408	+.04	+20	+27
10-02-64 1277619 4459567 5-71					25		15,233	3.54	539							
1471308 BLACK OAK IVAN G ZORO.....*		1	10	1-42	10	1.1	16,507	3.36	554		30	18	+281	-.08	-1	+6
09-04-64 1439217 5051758 5-71					11		15,075	3.79	571							
1471313 KNOXLAND PRINTEER PRESIOENT...*		1	20	1-12	20	1.0	15,326	3.80	583		25	21	-27	+.02	+2	+1
07-24-64 1254887 4561369 5-71					37		15,630	3.71	580							
1471318 TARA-HILLS COMMANOER.....*		6	11	2-13,21	22	1.1	14,769	3.63	536		23	32	-47	+.01	0	-1
10-01-64 010241954 4313743 5-71					35		15,029	3.61	543							
1471319 TARA-HILLS ROYAL RAG APPLE....*		2	9	1-21	11	1.4	13,394	3.71	497		18	22	-428	+.03	-11	-20
10-13-64 1443217 5274218 1-71					39		15,511	3.58	555							
1471333 AUSTIN-HOMESTEAO A 8 C SPOT...*		1	20	1-21	20	1.2	13,349	3.53	471		31	22	+9	-.02	-2	-1
12-29-63 1276654 5181807 5-71					36		13,235	3.66	484							
1471338 RU-GAR-NIC ORMS8Y MISTERY-TWIN*		1	11	1-31	11	1.1	17,327	3.76	651		0	19	+533	+.01	+21	+31
02-13-64 1346121 3852142 5-71					14		14,517	3.73	541							
1471342 LEDON 8RAOY L 8 J.....*		1	16	1-48	16	1.3	17,185	3.62	622		6	21	-225	+.02	-5	-10
11-26-64 1281874 4819169 5-71					50		18,730	3.55	665							
1471359 HAMLETTS IMELDA CHAM8RIC LEON.*		1	20	1-42	20	1.5	16,868	3.90	658		20	23	+276	+.01	+12	+17
11-27-64 1276654 5511589 5-71					13		15,871	3.88	616							
1471364 SMITHLAND SENATOR ANDY.....*		1	18	1-21	18	1.4	14,068	3.39	477		11	23	+5	.00	0	0
09-08-64 1252985 5282106 5-71					39		14,055	3.42	480							
1471395 ANGOLA FEARLESS DUKE.....*		3	9	1-21	14	1.6	14,475	3.59	520		14	28	-14	+.01	+1	0
07-22-64 1221835 5177266 1-71					58		14,594	3.54	516							
1471433 HUMPHREYHOLM J C DUKE.....*		1	12	1-21	12	1.2	15,722	3.43	540		0	19	+124	-.02	+1	+4
09-24-64 1288610 4766157 5-71					12		15,211	3.56	541							
1471438 STARLAND AOANTHA ADMIN-TWIN...*	21-10	39	1	2-13,21	44	1.3	15,693	3.56	559		18	70	+113	+.02	+7	+9
11-15-64 1171458 4185570 5-71					24		15,708	3.53	554							
1471445 FOXLEASE VIRGINIA GENTLEMAN...	91-13	84	4	4-82,91,	150	1.0	15,819	3.66	579		9	85	+216	+.08	+19	+21
02-21-65 1189870 4231933 5-71				92,93	31		15,744	3.58	563							
1471464 FOREST GREENE GALLANT PONTIAC.*		1	10	1-21	10	1.1	12,970	3.53	458		33	18	-183	+.02	-4	-8
02-18-64 1329588 4341300 5-71					25		13,983	3.45	482							
1471473 D TIDY BURKE CONCENTRATE E....*	31-02	5	9	3-35,43,	28	1.5	13,852	3.83	530		17	43	-488	+.11	-3	-15
01-16-64 1098656 5146865 5-71				48	37		15,111	3.60	544							
1471496 EOH CRESCENT ROCK.....*		1	14	1-43	14	1.2	15,993	3.38	540		7	20	+292	-.01	+9	+15
02-02-64 1412161 5042890 5-71					8		14,629	3.39	496							
1471505 AOOHR GOLOEN BANKER.....*		3	15	2-21,23	32	1.4	13,507	3.40	459		19	37	-611	-.02	-25	-37
08-15-64 1215448 3626309 5-71					63		15,292	3.48	532							
1471506 AOOHR VICTOR BOUNOEN.....		2	12	1-93	17	1.2	17,138	3.47	595		19	26	-166	.00	-6	-9
08-17-64 1274685 4590586 5-71					74		18,208	3.49	636							
1471517 REBURKE GRAC-GLEN OSBORNDALE..	35-75	19	2	9-21,31,	26	1.4	15,794	3.68	581		25	57	+95	+.05	+11	+12
12-23-64 1273756 4880859 5-71				32,35,93	61		15,815	3.60	569							
1471530 VALLEY-GOLO TIFONI LEAOER.....		2	31	1-85	35	1.6	15,937	3.41	543		9	28	+226	-.01	+7	+12
04-23-64 1283917 5333056 5-71					340		15,259	3.41	521							
1471555 WIS MAGIC PRINCE.....*		2	18	2-35,41	20	1.3	15,237	4.04	615		15	24	-428	+.03	-11	-20
09-14-64 1292880 4755129 5-71					17		17,409	3.92	683							
1471559 WIS MAYERS OEFENDER.....*		1	15	1-35	15	1.2	15,058	4.03	607		0	21	-85	+.04	+2	-1
10-03-64 1435884 5384353 5-71					23		15,645	3.89	609							
1471561 WIS MAYERS LAO BOY.....*		4	15	2-34,35	28	1.2	15,629	3.85	602		7	33	+477	+.02	+20	+29
11-09-64 1435884 5350843 5-71					35		14,190	3.85	546							
1471563 WIS FIELOMASTER LAO.....		1	21	1-35	21	1.3	12,273	3.85	473		29	23	-486	.00	-17	-27
10-06-64 1409357 5016456 5-71					10		14,492	3.85	558							
1471571 WIS AGATE.....*	35-05	16	3	3-35,41,	30	1.3	14,495	3.37	488		18	57	+25	-.15	-20	-16
09-13-64 1292880 3612216 5-71				63	17		14,507	3.63	527							

REGISTRATION NUMBER / NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1471581 KINGSTEAD MARYLAND PRIDE.....*		1	29	1-48	29	1.3	14,516	3.69	535		14	24	-22	+.03	+3	+2
10-15-64 1269391 3807337 5-71					57		14,685	3.58	526							
1471584 BUSY ACRES REROYAL ROBURKE....	35-75	26	2	10-21,23,	36	1.5	16,446	3.56	585		3	66	+393	-.04	+8	+17
10-02-64 1192713 4714170 5-71				35,57,91	36		16,057	3.62	581							
1471588 WEED FARMS HERMES HERCULES....	21-10	41	1	3-12,13,	45	1.1	13,756	3.57	491		19	69	-643	+.01	-22	-35
12-26-64 1206797 4302889 5-71				21	23		14,769	3.57	527							
1471589 N O H JERRY RAG APPLE.....*		1	10	1-73	10	1.4	14,090	3.43	483		10	20	-41	-.03	-5	-5
07-04-64 1329588 4150526 5-71					26		14,345	3.58	514							
1471597 PERIDA IVANHOE DUNLOGGIN.....*		3	7	1-23	10	1.1	12,539	3.73	468		40	22	-344	.00	-12	-19
08-20-64 1406766 4321940 9-70					28		14,123	3.77	532							
1471627 LU-PA IVANHOE HONEY MAN.....*		3	11	1-52	16	1.4	15,512	3.38	525		7	27	+249	-.04	+4	+10
02-07-64 1189870 5563564 5-71					30		14,671	3.48	511							
1471656 EVER MAY PERFECTION.....*		3	13	1-92	17	1.7	15,411	3.78	583		21	27	+229	-.01	+7	+12
01-16-63 1307195 3868904 5-71					28		14,623	3.84	561							
1471674 NOBLEHURST MAX JOE.....*		1	11	1-21	11	1.3	12,858	3.41	438		27	20	-312	-.01	-13	-19
05-11-64 1348281 4477137 5-71					119		14,519	3.52	511							
1471710 DALCREST ROSE MARSHAL.....*		2	9	1-74	11	1.0	17,439	3.42	596		27	20	+18	-.02	-2	-1
09-21-64 1423213 5545732 1-71					54		17,729	3.51	622							
1471714 BURKET-FALLS PERSEUS PRINCE...*		1	21	1-23	21	1.2	14,774	3.85	569		33	22	-216	+.03	-4	-9
08-13-64 010260599 5499965 5-71					23		15,961	3.76	600							
1471743 TIRVELDA COMMANDER JONATHA....		1	10	1-52	10	1.4	14,085	3.46	488		33	19	-50	-.04	-7	-7
01-26-63 1353822 4389435 5-71					8		14,396	3.70	532							
1471750 ARLINOA CHIEF GOVERNOR.....		1	23	1-93	23	1.0	17,318	3.42	593		4	21	+310	-.04	+6	+13
12-28-64 1427381 5267974 5-71					113		16,076	3.55	571							
1471760 FAIR HILL HAZEL ROYAL PONTIAC.*		5	13	1-23	23	1.3	13,457	3.76	506		18	31	-279	+.06	-2	-9
10-04-64 1397752 4956516 1-71					16		14,396	3.60	518							
1471763 NEPTUNE WELCOME WAY ROCK RIVER*		5	13	1-35	28	1.1	14,984	3.62	543		10	34	+168	-.01	+4	+8
09-06-64 1265166 4762269 1-71					11		14,548	3.66	533							
1471768 WILLIAMS FARM REGAL IVANHOE...*		2	14	1-22	16	1.1	12,519	3.89	487		0	22	-99	+.05	+4	+1
09-02-64 1414261 5113145 5-71					36		12,864	3.62	466							
1471783 POMPEY HOLLOW ADMIRAL TOM.....*		4	35	2-14,16	50	1.3	15,482	3.33	516		18	32	+233	-.07	-1	+5
08-12-64 1237057 5180193 5-71					29		14,833	3.55	526							
1471824 BURNSWAY CAPT OLIVER SKYLINER.		6	9	1-42	17	1.1	12,417	3.68	457		12	29	-213	.00	-8	-12
08-23-64 1244845 5386851 1-71					8		13,073	3.72	486							
1471879 WIL-OAKS DESIGN LEADER PRINCE.*		3	8	1-41	13	1.5	13,771	3.69	508		31	27	-244	-.01	-10	-15
12-09-64 1249424 5755957 5-71					11		14,764	3.76	555							
1471882 PHIL-TON DAISY PRINCE ROYAL...*		2	11	1-41	13	1.0	14,221	3.83	545		15	21	-315	+.03	-7	-14
11-05-64 1277213 4028329 5-71					15		15,950	3.73	595							
1471884 HOPPERS DUKE TALOGA.....*		4	15	1-63	34	1.1	13,946	3.55	495		4	36	-182	+.01	-5	-9
08-30-64 1442041 4389091 5-71					22		14,509	3.54	513							
1471920 BROWNSTOW WROWAYNE REFLECTION.*		4	8	1-41	20	2.3	14,506	3.63	527		0	41	+31	-.04	-5	-3
11-27-63 010262612 011052038 5-71					18		14,485	3.77	546							
1471953 RICHARD FARM MASTER PERCY.....*		1	17	1-23	17	1.2	17,883	3.39	607		29	21	+264	-.09	-3	+4
12-01-64 1450272 4501655 5-71					20		16,928	3.79	642							
1471956 HEATHERSTONE LUCKY TYPEBLAZER.*	23-13	63	2	4-22,23,	79	1.0	17,145	3.59	616		13	79	+1,171	-.07	+32	+57
07-19-64 1270685 5264189 5-71				35,51	22		15,847	3.69	584							
1471968 POLYTECHNIC BONO BROCK.....	93-16	7	17	1-93	61	1.0	18,387	3.55	653		20	48	+462	-.03	+12	+27
05-16-64 1420015 4968658 5-71					101		17,806	3.61	642							
1471969 NICOLK ROBURKE BOLD CHIEFTAIN.	35-75	24	1	7-21,52,	28	1.4	17,446	3.65	637		4	61	+1,023	.00	+37	+57
11-08-64 1065220 3585032 5-71				55,91,93	49		15,963	3.66	584							
1471982 OLSUMMIT SKYLARK OALE.....*		3	7	1-21	14	1.4	15,930	3.52	560		29	29	+236	-.06	0	+6
03-24-64 1239242 3334970 5-71					52		15,256	3.72	568							
1472005 LANTLAND CITATION FONO.....*		2	9	1-21	11	1.5	15,168	3.59	545		18	22	-15	.00	0	0
01-26-65 1243697 5968982 5-71					44		15,383	3.60	554							
1472015 RAGOSA ADRECO DUKE-TWIN.....	35-75	15	2	9-31,41,	19	1.5	16,457	3.46	569		13	51	+372	-.09	0	+10
11-08-64 1298197 4550565 5-71				52,55,93	30		15,924	3.63	578							
1472016 RAGOSA ADRECO REX-TWIN.....	35-75	20	1	9-32,35,	24	1.2	16,037	3.64	583		20	55	+200	.00	+7	+11
11-08-64 1298197 4550565 5-71				55,91,93	40		15,865	3.64	578							
1472023 VALLEYREST SUPREME FRANCO.....*		2	8	1-34	10	1.4	14,128	3.74	528		11	22	-4	+.04	+5	+4
10-06-64 1432053 5621134 1-71					9		14,175	3.58	507							
1472033 PACLAMAR ECHO EMERALD.....		2	9	1-46	11	1.1	15,273	3.13	478		90	21	+269	.00	+9	+14
08-17-64 1429821 5158089 9-70					34		13,961	3.04	425							
1472040 PACLAMAR BLACK HAWK.....*		11	2	5-35,42,	19	1.1	12,698	3.59	456		18	45	-471	+.01	-15	-25
10-14-64 1429821 4494503 5-71				43,71,73	16		13,715	3.57	490							
1472066 VANOY OAKLAND MAJESTY.....	35-75	15	1	8-21,34,	19	1.0	16,436	3.61	594		21	47	+288	+.01	+12	+17
02-02-65 1278644 4463648 5-71				55,91,93	63		16,036	3.59	576							
1472092 BRISTOL ECHO HAP.....*		4	5	2-41,42	11	1.1	14,481	3.49	505		70	26	-232	-.06	-16	-19
09-22-64 1404688 3605641 5-71					17		15,528	3.71	576							
1472098 TEXAL CITATION DYNAMO.....*	91-11	128	3	24-21,23,	200	1.1	14,964	3.44	515		22	89	-166	-.18	-31	-30
09-16-60 1492073 6566500 5-71				34,35,41	26		15,285	3.64	556							
1472115 CEDAR GROVE PRIDE NAVIGATOR...*	55-01	9	7	1-55	34	1.1	16,813	3.60	606		21	49	-239	-.05	-16	-19
12-03-64 1237057 4243266 5-71					49		17,674	3.72	657							
1472193 TWIN MAPLE MAESTRO JO BURKE...*		1	22	1-34	22	1.3	14,562	3.71	540		45	23	+48	+.02	+4	+5
07-09-64 1238933 4837160 5-71					41		14,396	3.66	527							
1472213 SUPREME TEXAL MIDNIGHT.....*		2	17	1-34	19	1.5	14,255	3.56	508		6	24	-22	+.01	0	-1
01-11-64 010279415 6013521 5-71					42		14,393	3.56	512							
1472217 WINCOWIS CAPTAIN SKYLINER.....*		1	24	1-42	24	1.4	18,146	3.36	609		4	24	+448	-.02	+14	+23
07-24-64 1244845 4055825 5-71					13		16,511	3.37	556							
1472225 E-Z ACRES PABST REMER DIPLOMAT*	55-01	6	5	1-55	22	1.5	16,260	3.97	646		9	44	-296	+.19	+15	+
07-25-64 1000390 4214358 5-71					46		17,262	3.62	625							
1472234 OIX HILL DUKE BEAUTY.....*	55-01	5	5	1-55	21	1.1	17,567	3.59	631		33	40	+147	-.02	+3	+
12-19-64 1112211 3758812 5-71					41		17,565	3.63	637							
1472242 RICK NORTH STAR S.....*		2	8	1-23	12	1.3	14,233	3.54	504		8	25	+6	-.02	-2	
09-04-63 010279934 011456845 5-71					10		14,240	3.62	516							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1472248 LONE VALLEY ADMIRAL CREATION..		1	10	1-35	10	1.3	16,285	3.49	569	20	19	-70	-.08	-14	-13
09-23-64 1274684 5267104 5-71					5		16,960	3.90	661						
1472295 FORDLEA SENATOR.....*		4	6	2-14,21	11	1.4	15,841	3.52	557	36	26	+104	.00	+4	+6
09-20-64 1252985 3779784 1-71					36		15,609	3.50	546						
1472314 WAWACO VERNWAY ADMIRAL BEAUTY.		1	15	1-91	15	1.7	17,278	3.48	601	7	23	+66	+.03	+7	+8
08-13-64 1437823 5004473 5-71					87		17,328	3.35	580						
1472323 SHETLARS SKYHAWK TRIUNE.....	41-01	38	1	3-41,45,	46	1.4	14,265	3.60	514	11	71	+189	+.01	+8	+12
09-29-64 1289574 3643881 5-71				46	17		14,005	3.59	503						
1472324 SHETLARS TIDY SKY CHIEF.....	41-01	11	2	2-41,87	14	1.1	14,490	3.61	523	23	40	-408	+.03	-10	-19
11-11-64 1289574 3610256 5-71					15		15,688	3.54	555						
1472334 BRAINTRIM REGAL DAN.....*	21-10	27	1	1-21	28	1.0	14,448	3.54	511	22	58	-205	.00	-7	-11
12-09-64 1282185 4896198 5-71					24		14,896	3.54	527						
1472356 STEUBINGS MODEL ORMSBY.....		1	16	1-74	16	1.7	15,536	3.35	520	19	23	-91	-.02	-6	-7
06-26-63 1216668 5182747 5-71					37		16,153	3.43	554						
1472364 LANTLAND FONO HOPE CLYDE.....*		2	12	1-21	15	1.1	18,821	3.34	629	7	24	+233	-.05	+2	+8
12-06-64 1243697 5320654 5-71					32		18,260	3.47	633						
1472406 COLSTAH NOEL WIS JOE.....*		2	9	1-84	11	1.0	13,892	3.63	504	0	20	+258	+.01	+11	+16
09-03-64 1381747 5316306 1-71					116		12,455	3.56	444						
1472407 COLSTAH L E LAO.....*		4	11	1-84	16	1.6	12,994	3.36	437	0	28	-18	-.03	-5	-5
03-24-64 1392479 5186115 5-71					87		12,964	3.49	452						
1472408 PINEHURST KING RETURN.....*		8	19	6-35,51,	31	1.5	15,951	3.59	573	20	33	+60	+.03	+7	+7
02-02-64 1401693 3880169 5-71				52,55,57	15		15,974	3.50	559						
1472411 ROUNO OAK PRAIRIE EXPERT.....		12	2	3-51,52,	15	1.2	16,686	3.64	608	17	42	+365	+.02	+16	+23
08-25-64 1291499 5749758 5-71				63	22		16,015	3.60	576						
1472425 WOODGREEN ROYAL CITATION R....*		1	22	1-73	22	1.4	16,565	3.35	555	0	23	+442	-.01	+15	+24
08-04-64 010283342 011653988 5-71					36		14,740	3.30	487						
1472449 PERRYBOOK COMRE PIDON HER8....		1	18	1-41	18	1.9	14,021	3.82	536	12	25	-95	+.06	+5	+2
04-05-63 1242338 5255711 5-71					14		14,466	3.59	519						
1472455 RICH-LOU LUCROSS PRINCE.....*		2	8	1-23	13	1.2	16,899	3.49	589	38	25	+348	-.05	+5	+13
10-26-64 1423201 4967032 5-71					16		15,662	3.68	577						
1472489 SILVERFIELD SUNSHINE.....*		2	14	1-48	16	1.2	15,076	3.59	541	0	22	+553	-.04	+14	+26
08-31-64 1406271 5025455 1-71					19		12,460	3.80	474						
1472490 MANDAN BERT FAVORITE.....*		9	1	1-41	10	1.1	16,073	3.74	601	10	33	+107	+.03	+8	+9
09-19-64 1158310 5300683 5-71					10		15,955	3.66	584						
1472507 ROUNO OAK IVANHOE DIAMOND.....		3	4	1-52	10	1.0	13,521	3.87	523	70	25	-242	+.04	-3	-9
08-18-64 1189870 4966915 9-70					28		14,540	3.73	542						
1472539 KERN KNOLL GYPSIE JULE.....		1	25	1-41	25	1.4	16,506	3.51	579	12	24	+148	-.02	+2	+6
08-13-64 1435833 5250507 5-71					11		16,102	3.60	580						
1472540 GENETTE PILOT DYNO.....		1	11	1-41	11	1.2	11,722	3.51	412	**	19	-238	-.01	-10	-14
01-29-64 1261857 4553306 5-71					3		12,863	3.62	466						
1472544 DOR-RAL WOODY MYSTERY.....		2	14	1-51	16	1.3	14,065	3.98	560	21	23	-62	+.03	+2	0
05-06-64 1346121 5044635 5-71					33		14,380	3.86	555						
1472548 HAPPY HOLLOW WILLMIL ADMIRAL..	35-75	22	2	7-21,35,	29	1.2	15,567	3.55	553	14	59	+195	-.06	-1	+4
12-15-64 1298197 4996664 5-71				41,52,93	43		15,379	3.66	563						
1472549 PIPER VIEW COUNT 8 JOHANNA....	91-11	7	2	5-35,41,	10	1.4	13,262	3.77	500	0	33	-609	+.05	-15	-28
08-21-64 1308419 5016994 5-71				42,46,74	17		15,229	3.64	554						
1472551 PIPER VIEW AIM FANCY.....*		5	3	3-22,35,	14	1.0	14,213	3.69	525	21	35	-387	+.07	-4	-13
10-07-64 1418953 4387584 5-71				74	33		15,494	3.50	543						
1472566 MATTOCKS FARM GOVERNOR.....*		1	10	1-23	10	1.0	16,027	3.74	600	11	18	+98	+.01	+5	+7
01-11-65 1243697 5011143 5-71					33		15,644	3.70	579						
1472585 MEADOWILL SENOR.....*		1	11	1-35	11	1.2	14,514	3.62	525	18	19	+28	.00	+1	+2
01-24-65 1252985 4838099 5-71					11		14,414	3.63	523						
1472595 COLLINS-CREST REFLECT J-TWIN..*		2	10	1-21	19	1.4	17,903	3.59	643	11	32	-130	+.06	+4	C
10-09-64 1443217 5058531 5-71					72		18,795	3.44	646						
1472613 ALLO MADCAP HALLIE.....		1	10	1-82	10	1.3	16,777	3.62	608	20	19	+1	-.02	-3	-2
01-04-65 1294834 4841673 5-71					60		17,086	3.76	643						
1472637 RAY-ZEL CHUM SEARS PAT.....	35-75	19	1	9-21,23,	24	1.4	15,630	3.61	564	13	56	+150	-.04	0	+4
10-29-64 1291498 4803211 5-71				31,35,93	83		15,519	3.68	571						
1472669 APACHE CITATION WAR EAGLE.....*		3	20	3-21,32,	24	1.3	14,504	3.27	475	17	25	-249	.00	-9	-14
09-13-64 1492073 4691313 5-71				86	131		15,664	3.31	518						
1472671 APACHE CITATION TONTO.....		2	42	2-21,86	44	1.2	14,100	3.59	506	19	25	-432	+.09	-3	-14
01-03-65 1492073 5750662 5-71					131		16,036	3.28	526						
1472695 ELM RIOGE TRIUNE MARTY.....*		4	5	1-35	13	1.5	15,144	3.59	543	38	32	-54	-.02	-5	-6
09-30-64 1443641 5689965 5-71					20		15,465	3.67	567						
1472700 ELM RIOGE TRIUNE ATLAS.....*		2	18	2-35,57	20	1.3	13,835	3.78	523	20	24	-443	+.06	-8	-18
01-01-65 1443641 4978029 5-71					15		15,898	3.57	568						
1472702 ELM RIOGE MAPLE MARKSMAN-TWIN.	35-21	9	1	3-35,41,	11	1.0	14,181	3.53	501	18	34	-42	-.03	-6	-6
05-21-64 1386406 4117171 5-71				42	12		14,347	3.64	522						
1472703 ELM RIDGE MAPLE MARK-TWIN.....	35-21	46	1	6-35,41,	55	1.0	14,822	3.64	540	20	72	+284	-.04	+4	+11
05-21-64 1386406 4117171 5-71				42,43,47	21		14,484	3.71	538						
1472708 HOLMES-ACRE ROYAL MASTER.....*		1	21	1-21	21	1.2	12,540	3.81	478	14	22	-166	+.03	-2	-6
11-11-64 1380945 4554902 5-71					48		13,230	3.69	488						
1472716 SPRUCE SHADOWS FONO HOPE MAGIC*		8	3	2-41,45	14	1.1	14,526	3.57	518	9	37	-12	+.01	+1	+1
09-28-64 1243697 4516525 5-71					15		14,630	3.53	517						
1472771 SIM-BROS ROYAL.....*		1	15	1-82	15	1.8	13,339	3.37	449	17	23	-243	-.01	-10	-15
02-10-63 1405579 4640203 5-71					3		14,454	3.42	495						
1472785 ELMVALE STYLEMASTER.....	35-75	20	2	10-21,32,	27	1.3	17,339	3.47	601	11	57	+950	-.06	+25	+45
12-13-64 1175471 3883834 5-71				35,41,93	52		15,865	3.55	564						
1472822 FERTILE MEADOWS PRINCE SAINT..*		2	12	1-35	17	1.4	14,303	3.65	522	6	27	-148	+.01	-4	-7
10-17-64 1332101 4983046 5-71					18		14,965	3.65	546						
1472834 GREENWOOD IVAN.....*		10	6	1-23	29	1.6	15,297	3.82	584	4	50	+261	+.01	+11	+16
02-27-64 1189870 3393298 5-71					22		14,863	3.83	569						
1472856 SANDHURST-CRS C O DARK DON....*	61-02	27	1	4-31,33,	30	1.2	14,458	3.83	554	3	61	-310	+.16	+11	+1
09-03-64 1070036 5064243 5-71				61,74	21		15,084	3.58	540						

REGISTRATION NUMBER / NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST LAC INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1472870 STERK MAGISTRATE DUKE.....*		1	16	1-93	16	1.1	21,042	3.47	731		13	20	+536	-.06	+11	+23
10-11-64 1243697 4600731 5-71					149		18,899	3.69	698							
1472887 RICVILLE PONTIAC PACER-TWIN...*		2	9	1-91	11	1.3	15,078	3.26	492		18	21	+40	-.04	-4	-2
02-05-64 1397752 3694916 5-71					64		14,995	3.46	519							
1472901 CRANBERRY MDWS C B ACE.....*		1	10	1-51	10	1.1	13,792	3.71	511		10	18	+5	+.04	+6	+5
11-19-64 1316533 4945365 1-71					41		13,747	3.47	477							
1472906 CK ELEVATION PIONEER BUTCH....*		1	18	1-48	18	1.2	13,110	3.74	490		31	22	-583	+.06	-13	-26
09-29-64 1292880 4697441 1-71					10		16,023	3.50	561							
1472924 RAG APPLE DAISY IMPROVER.....*		4	4	2-43,73	10	1.3	14,957	3.54	529		29	27	-135	-.05	-12	-13
08-08-63 1408359 5372016 1-71					17		15,627	3.73	583							
1472949 SCHENCKWOOD ROAMER ADARE.....*	21-10	32	1	2-13,21	34	1.4	14,618	3.61	528		21	65	-677	+.04	-19	-33
09-28-64 1171458 5076112 5-71					25		15,846	3.57	565							
1472957 LEETESTEAD SKOKIE REVA 8OY....*		1	11	1-23	11	1.6	14,423	3.63	524		0	21	-5	-.01	-2	-2
09-28-64 1282185 4509714 5-71					37		14,507	3.74	543							
1473001 HICKORYVALE TEXAL ADAM-TWIN...*		1	16	1-51	16	1.0	12,493	3.83	478		0	20	-333	+.04	-6	-14
11-02-64 1440198 4369531 5-71					4		14,199	3.61	512							
1473002 HICKORYVALE TRADEMARK ALAN....*		2	13	1-31	15	1.1	13,012	3.60	468		0	22	-27	+.01	+1	0
12-26-64 1440198 3940301 5-71					27		13,051	3.52	459							
1473007 PAGELS ROYAL PONTIAC GOLDIE...		1	12	1-42	12	1.7	11,529	3.54	408		0	22	-254	+.01	-8	-13
02-06-64 1397752 5342378 1-71					4		12,559	3.54	444							
1473013 HONORABLE SENATOR PRINCE.....*		2	13	1-23	18	1.2	17,693	3.39	600		0	26	+432	-.07	+5	+15
02-09-65 1292880 5088975 5-71					11		16,251	3.64	591							
1473023 LODESTAR GOLDEN WOODMASTER....*		3	14	1-21	31	1.1	13,655	3.42	467		6	36	-639	+.02	-21	-34
09-10-64 1269391 4796058 5-71					41		15,598	3.41	532							
1473043 WESTOVER MONCADER ROSS.....	21-10	47	1	2-13,21	51	1.5	14,453	3.60	520		19	74	-728	+.03	-22	-37
09-14-64 1235822 4505622 5-71					28		15,602	3.57	557							
1473048 MOOSEHEART SELECT.....	33-03	34	1	14-21,23,	41	1.1	15,712	3.46	543		10	67	+387	-.13	-4	+7
12-08-64 1190632 3540979 5-71				33,35,41	21		15,265	3.64	556							
1473081 HARBORCREST ROYAL CHOICE.....*		2	7	1-31	14	1.1	14,434	3.67	530		7	28	-248	-.01	-10	-15
11-30-64 1442796 5289001 5-71					4		15,496	3.72	577							
1473092 ROMANDALE REFLECTION APACHE...		3	13	1-91	18	1.4	14,712	3.46	509		22	27	-44	.00	-2	-3
03-07-64 010260008 011627449 5-71					55		14,980	3.48	522							
1473100 SHOCH MANOR F H CAPTAIN.....*		1	13	1-57	13	1.6	13,308	3.70	493		0	22	-352	-.01	-14	-21
09-04-64 1243697 4614507 5-71					14		15,022	3.79	569							
1473114 KING ORCHARD BONNIE COLANTHA..		1	19	1-34	19	2.1	10,940	3.67	401		17	25	-310	.00	-11	-17
02-05-63 1358822 5105784 5-71					42		11,989	3.68	441							
1473129 MAYERS DUKE SEGIS LAD.....*		1	10	1-35	10	1.0	11,591	3.69	428		0	18	-80	+.02	0	-2
12-04-64 1293580 4577718 5-71					23		11,837	3.54	419							
1473133 IRVINGTON MARCUS.....*		8	8	2-52,54	25	1.2	15,193	3.34	508		21	40	+254	-.09	-3	+4
07-17-64 1386406 5333329 5-71					37		14,628	3.55	520							
1473136 NACREST ROYAL.....	35-75	19	1	8-21,35,	21	1.0	15,132	3.72	563		19	51	-100	+.09	+9	+5
02-03-65 1192713 4513633 5-71				55,91,93	41		15,484	3.56	551							
1473139 CORREIA MISTER GEORGE.....		1	13	1-93	13	1.1	18,944	3.48	659		0	19	+158	.00	+5	+8
02-14-63 1394672 5253796 5-71					17		18,596	3.47	646							
1473192 STA-LEE WHITE PLAINS IVANHOE..*		8	3	2-55,56	21	1.1	16,328	3.58	584		0	45	+531	-.01	+17	+28
01-01-65 1189870 4684922 5-71					25		15,285	3.60	551							
1473219 FLASHY LAKEFIELD KING COMER...		1	13	1-34	13	1.0	16,759	3.29	552		40	19	+254	-.06	+1	+7
04-15-64 1288721 4418372 9-70					41		15,589	3.52	549							
1473226 BLACK-HAWK IDEAL ICHABOO GING.		1	12	1-33	12	1.1	12,346	3.43	424		42	19	+35	-.02	-1	0
06-03-64 1212173 5354242 5-71					7		11,964	3.54	424							
1473242 SQUIRE RIDGE ORMSBY PAT.....		1	16	1-34	16	1.4	13,062	3.37	440		50	22	+25	-.01	0	+1
09-30-64 1291498 4401645 5-71					14		12,835	3.41	438							
1473254 WILLMIL FOND ROCOCO.....*		2	10	1-51	12	1.8	13,825	4.15	574		0	24	-62	+.04	+4	+2
12-02-63 1243697 5246001 1-71					32		14,105	3.98	562							
1473282 CREAMLINE INKA LOYALTY.....		1	19	1-34	19	1.1	12,799	3.10	397		53	21	-52	-.06	-10	-10
11-30-64 010233528 5200846 5-71					8		12,953	3.44	446							
1473291 HENRY COUNTY TYPLUS ORMSBY....		1	16	1-42	16	1.8	16,250	3.34	543		13	24	+69	-.02	-1	+1
05-03-63 1389299 5157661 5-71					19		16,182	3.44	557							
1473314 PINE SHELTER PIOON OE LUXE....		2	16	1-41	21	2.0	13,020	3.51	457		5	30	-169	-.01	-7	-10
11-01-63 1422586 5491251 5-71					16		13,548	3.55	481							
1473332 ALBERTVILLE PRAIRIE BOY.....		2	8	1-35	10	1.0	20,116	3.27	658		13	20	+454	-.07	+7	+18
07-30-64 1442477 5616294 5-71					10		18,215	3.50	637							
1473347 GREATLAWN PRESIDENT SEVENS....	35-75	16	2	6-21,35,	21	1.0	17,199	3.55	611		5	49	+772	-.04	+22	+38
01-20-65 1239242 4776407 5-71				55,87,93	101		15,811	3.62	572							
1473366 JONAVAN COLANTHA ROCKEY.....*		1	12	1-34	12	1.2	15,618	3.45	539		**	19	+92	-.02	0	+2
08-12-64 1242185 5394936 5-71					10		15,277	3.58	547							
1473411 ELDLIE BUTTER BOY COUNT.....*		3	7	3-35,51,	10	1.3	12,950	3.51	454		10	23	-236	.00	-9	-14
12-12-64 1308419 5263648 1-71				63	17		13,982	3.55	497							
1473423 WITH-ROW RACHEL LUCKY.....		5	7	1-32	21	1.4	13,914	3.61	502		10	39	-617	-.01	-23	-35
11-04-64 1197956 4220356 5-71					11		15,684	3.65	572							
1473431 ERWINDALE STYLEMASTER FARLEY..	35-75	23	1	13-21,35,	24	1.1	14,107	3.69	520		38	55	-537	+.02	-17	-28
01-02-65 1175471 4776538 5-71				41,91,93	95		15,211	3.67	558							
1473442 AJRF BURKGOV KIT.....*	35-75	77	3	24-21,23,	113	1.1	16,547	3.53	584		10	83	+1,038	-.10	+23	+46
11-14-64 1038509 4681433 5-71				35,84,93	58		15,443	3.64	562							
1473449 LOCKWAY IVANHOE MAGICIAN.....*		1	15	1-23	15	1.1	15,263	3.70	564		7	20	+95	-.01	+2	+4
11-17-64 1440198 5327382 5-71					114		14,884	3.76	560							
1473469 LOTTA ROCK CHIEF.....*		1	10	1-11	10	1.1	14,094	3.87	546		10	18	-168	+.04	-1	-5
08-13-64 1397517 4285033 5-71					22		15,140	3.74	566							
1473493 WINDY WILLOW ROCKETEER.....	21-10	22	2	5-11,12,	30	1.2	14,897	3.66	545		25	59	-167	-.01	-7	-10
11-01-64 1298197 3106074 5-71				13,14,16	24		15,317	3.69	565							
1473497 WILLSHOLM STREAK JUPITER.....		1	11	1-23	11	1.1	16,611	3.83	637		0	19	+324	.00	+12	+18
01-24-65 1418669 5138162 1-71					7		14,970	3.87	580							
1473508 KOPIAH SKYLINER FAYNE.....	35-75	23	1	13-21,23,	25	1.2	15,983	3.54	565		13	57	+593	-.05	+14	+27
12-20-64 1244845 5119727 5-71				33,42,55	38		15,048	3.62	544							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1473510 GOLDEW REROYAL COLONEL.....	35-75	35	1	12-21,55,	42	1.4	16,259	3.60	586	20	69	+577	-.03	+16	+28
06-02-64 1192713 5C89644 5-71				57,91,93	53		15,593	3.65	569						
1473529 AR8ANDALE COUNT LI8ERATOR-TWIN*		2	8	1-23	10	1.0	15,700	3.68	577	40	20	-8	+.01	+1	+1
10-07-64 1459457 4328911 5-71					23		15,946	3.63	579						
1473543 J-ARGO FASCINATION.....*	35-75	8	7	5-35,41,	18	1.6	16,278	3.40	553	6	36	+44	-.07	-8	-5
03-03-64 1199324 4553952 5-71				55,91,93	31		16,401	3.58	587						
1473549 FRE-LAS NANCY ROELAND.....*		10	4	4-11,21,	20	1.4	15,664	3.79	593	27	45	-182	+.13	+11	+4
02-14-64 1239886 5238593 5-71				51,52	18		16,307	3.53	575						
1473565 SYRALANE SUPREME KNIGHT.....		2	12	1-47	14	1.0	14,182	3.62	513	21	21	+131	-.01	+4	+7
07-12-64 1331950 5174745 1-71					8		13,513	3.64	492						
1473575 LYREEDALE 8LACK STAR SUPREME..		3	5	1-86	11	1.1	19,194	3.16	607	10	27	+396	-.08	+3	+13
09-18-64 1374782 4442606 5-71					57		18,124	3.35	608						
1473589 8RADLEY-VIEW ELEVATOR.....*		1	12	1-74	12	1.7	14,494	3.45	500	0	22	+272	-.02	+7	+13
10-24-64 1271810 5607969 5-71					27		13,167	3.54	466						
1473592 SUNNYSIOE EXCELLENCY LAD.....*		1	11	1-35	11	1.6	16,363	3.65	597	20	21	+358	+.02	+16	+23
08-21-64 1287490 4553485 5-71					11		14,720	3.55	522						
1473598 PARKCHESTER PENSTATE POSCH....*		4	5	1-23	17	1.4	15,935	3.74	596	12	39	+299	-.05	+4	+11
12-19-64 1410984 4491031 5-71					23		15,303	3.89	595						
1473628 SHAOYVALE MONOGRAM PILOT.....*		1	10	1-34	10	1.6	16,834	3.58	602	30	21	+54	-.01	0	+1
08-18-64 1335787 5184652 1-71					17		16,861	3.65	616						
1473654 LIME HOLLOW 8URKGOV SUPER8....	23-13	65	2	4-21,51,	93	1.2	14,829	3.48	516	16	81	+96	-.13	-15	-10
12-14-64 1038509 4937337 5-71				52,54	26		14,796	3.65	540						
1473657 CHURCH HILL PRIOE RAVEN DUKE..*		4	4	1-42	14	1.4	13,580	3.53	479	7	34	-143	+.01	-4	-7
04-01-64 1327867 4445430 5-71					9		14,008	3.52	493						
1473658 OUNROCKIN SENATOR ROYAL.....*		7	3	3-42,45,	13	1.3	14,839	3.69	547	30	36	+78	+.05	+10	+10
01-01-65 1252985 5645662 5-71					19		14,699	3.54	521						
1473660 DON AUGUR EVERLASTING DESIGN..*		3	15	2-23,74	31	1.1	17,883	3.67	657	26	35	+459	+.03	+21	+29
06-20-64 1339807 5515869 5-71					19		16,842	3.60	606						
1473670 NICOLK WOOO8INE ROYAL CHIEF...	35-75	27	2	12-21,35,	37	1.0	15,343	3.47	532	16	62	-21	-.10	-14	-12
01-17-65 1049402 4087599 5-71				41,55,91	42		15,538	3.62	562						
1473671 NICOLK MELOOY ROYAL CHIEFTAIN.	35-75	16	1	9-31,35,	21	1.2	16,937	3.40	576	5	51	+715	-.10	+11	+28
02-03-65 967873 4450473 5-71				41,91,93	59		15,718	3.57	561						
1473693 MANORSPRINGS MASTER DAMON.....*	21-10	37	1	2-13,21	43	1.1	16,142	3.45	557	15	68	+496	-.10	+3	+15
10-15-64 1223243 5302237 5-71					26		15,574	3.58	558						
1473699 EASTHAVEN REFLECTION SKYROCKET*		7	2	3-31,32,	11	1.8	14,034	3.72	522	0	37	-340	+.02	-9	-16
01-01-64 1397466 5621077 5-71				63	14		15,071	3.68	554						
1473705 SIR ADLER SKOKIE CARNATION....*		1	11	1-21	11	1.3	12,228	3.60	440	11	20	-377	+.01	-12	-20
07-15-64 1421380 4982563 5-71					13		14,190	3.56	505						
1473709 RO8THOM GENERAL VOYAGEUR.....	48-01	70	3	2-48,73	119	1.3	14,680	3.51	515	16	83	+256	-.07	0	+7
10-02-64 1210507 4128469 5-71					26		14,420	3.59	517						
1473728 RUANN WAYNE JUPITER.....		6	28	1-93	75	1.6	18,158	3.65	662	14	46	+383	+.05	+21	+27
02-28-63 1330259 4916817 5-71					94		17,709	3.55	629						
1473754 LEA INN FOND REGAL CHRIS.....		1	26	1-42	26	1.4	8,919	3.74	334	12	24	-273	.00	-10	-15
08-02-64 1415636 5329958 5-71					14		9,627	3.78	364						
1473756 LEA INN FOND ACE.....*		7	4	3-41,42,	13	1.1	12,584	3.43	432	46	31	-183	.00	-7	-11
08-27-64 1415636 4515732 5-71				47	8		13,089	3.45	451						
1473763 OSMAN FUTURE FO8ES GENE X.....*		2	12	2-35,74	14	1.3	14,214	3.84	546	21	23	-104	+.06	+4	+1
08-19-64 1414588 4774022 5-71					9		14,765	3.58	529						
1473783 ROCK HOME FANCY 8OY.....		2	13	1-48	22	1.7	12,325	3.51	432	14	33	-34	-.06	-10	-9
04-26-63 1144239 4104166 5-71					19		12,266	3.77	463						
1473814 OEWEYDALE RO8URKE OEAN.....	35-75	27	2	11-32,35,	38	1.6	15,799	3.60	569	3	68	+548	-.07	+9	+22
08-14-64 1065220 4016909 5-71				52,55,93	79		15,107	3.72	562						
1473825 WOOOS-CREEK DUKE MARK FERN....	35-75	30	1	12-21,23,	38	1.1	15,749	3.43	540	16	65	+389	-.14	-6	+5
02-01-65 1222994 4996280 5-71				33,35,55	26		15,279	3.64	556						
1473833 8INGLIS 8URKE MAX.....*		1	13	1-93	13	1.3	19,387	3.59	696	9	21	+369	-.02	+10	+18
04-11-64 1382768 4937984 5-71					29		17,992	3.68	663						
1473834 WULLIMAN SENATOR DYNAMITE.....*		4	5	2-32,55	12	1.1	14,093	3.63	511	33	28	-128	.00	-4	-7
06-24-64 1252985 5013884 5-71					16		14,622	3.62	530						
1473892 SCHUTZHOLM ORLIE CARL.....*		1	12	1-35	12	1.8	13,442	4.10	551	0	22	+5	+.01	+2	+2
08-29-63 1355939 4029659 5-71					36		13,361	4.08	545						
1473894 FLINTSTONE PIONEER DEAN-TWIN..*		1	11	1-48	11	1.2	13,318	3.57	476	18	19	-91	+.02	-1	-3
08-25-64 1292880 4604695 5-71					9		13,786	3.50	483						
1473929 OUTAGAMIE PONTIAC ROYAL.....*		1	10	1-35	10	1.4	14,726	3.46	510	0	20	+230	-.05	+1	+7
01-26-64 1397752 4541931 5-71					16		13,507	3.74	505						
1473935 LEWARNHURST CONFIDEEN 8OLDMARY	35-75	25	1	10-21,35,	27	1.2	16,910	3.52	596	23	58	+973	-.05	+28	+48
12-21-64 967873 4818616 5-71				55,91,93	50		15,383	3.59	552						
1473936 RI-VAL-RE MUTUAL KING.....	35-75	21	1	11-21,23,	27	1.2	16,900	3.59	607	20	57	+626	-.03	+18	+31
12-26-64 1087974 4417955 5-71				41,55,93	55		16,010	3.64	583						
1473942 HOWACRES STYLEMASTER PRINCE...*	23-09	9	5	3-13,14,	22	1.0	17,703	3.63	642	9	42	+361	-.01	+11	+18
11-01-64 010241954 4820039 5-71				21	37		17,166	3.66	629						
1473943 HOWACRES ADMIRAL 8ONUS.....*	63-03	4	5	1-13	11	1.4	16,036	3.74	599	0	28	+262	-.05	+3	+9
11-21-64 1308429 4560782 5-71					25		15,226	3.91	596						
1473945 EDELE JACKY CREATOR.....		2	8	2-32,33	10	1.1	12,573	3.94	496	10	20	-285	+.04	-5	-12
03-01-64 1280015 4681129 1-71					69		14,011	3.79	531						
1473955 CH-8EL-AIR REROYAL ATLAS.....		1	19	1-21	19	1.0	15,366	3.25	499	22	21	-163	-.01	-7	-10
11-08-64 1443217 5268504 5-71					117		16,408	3.30	542						
1473964 USNAD STAR MAN GER8EN.....*		2	8	1-51	10	1.0	14,097	3.78	533	0	20	+113	+.01	+6	+8
12-01-64 1410984 4070991 5-71					72		13,470	3.71	500						
1474004 TORKS CRISSCROSS IMPERIAL.....*		3	8	1-48	14	1.1	11,375	3.98	453	44	26	-424	+.05	-8	-18
08-03-64 1378594 5368019 5-71					8		12,887	3.77	486						
1474037 MAYERS DUKE DIAMOND.....*		2	7	1-35	13	1.2	14,642	3.54	518	0	26	+292	-.01	+9	+15
12-14-64 1293580 3981608 5-71					11		13,472	3.58	482						
1474049 8UTTERCUP-Z PRINCE PRIDE.....*		2	16	1-35	18	1.2	16,963	3.61	613	11	23	+340	.00	+12	+19
12-20-64 1237057 4194813 5-71					33		15,632	3.63	568						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1474081 KRULL PROSPERITY 8UTTER 8OY...*		5	7	2-23,35	15	1.1	14,464	3.44	497	13	29	+239	-.05	+1	+7
12-14-64 1403477 4567669 5-71					13		13,597	3.61	491						
1474097 MY-T KENNEDY TRIUNE 8ESSIE....*		1	12	1-21	12	1.3	17,144	3.56	611	0	20	+198	+.02	+10	+13
09-27-64 1389471 3862825 5-71					40		16,389	3.45	565						
1474105 KACHELMEIER LILA ADMIRAL DUKE.*		2	13	1-41	15	1.1	15,506	3.42	530	0	22	+262	-.01	+8	+13
02-08-64 1237057 4528898 5-71					14		14,345	3.44	494						
1474119 DIAMOND S VAR DUKE.....	35-75	25	1	13-21,42,	31	1.3	16,030	3.49	560	21	62	+393	-.07	+4	+14
09-26-64 1112211 4080984 5-71				55,91,93	32		15,557	3.60	560						
1474132 LARRO 8URKE LAD ADELINE.....		1	12	1-42	12	1.5	13,476	3.51	473	17	21	-93	+.01	-2	-4
04-23-63 1382997 4231212 5-71					3		13,920	3.48	485						
1474187 WIL-8RUST EXCELLENT GINGER....		1	38	1-47	38	1.1	11,083	3.70	410	18	24	-268	.00	-9	-14
02-08-64 1418083 5086791 1-71					33		12,035	3.71	446						
1474250 HEATHERSTONE DANNY 8OY.....*		2	11	1-35	13	1.3	13,906	3.65	508	15	22	-170	-.04	-11	-14
05-10-64 1331314 4460499 5-71					13		14,752	3.85	568						
1474251 RINCON MAGIC ATLAS.....*		2	22	1-93	24	1.2	17,539	3.57	627	0	24	+154	+.01	+7	+10
10-20-64 1297472 4628503 5-71					56		17,219	3.52	606						
1474265 MAR-RIDGE SENATOR ESTEEM.....*		1	22	1-48	22	1.3	10,217	3.41	348	5	23	-547	+.01	-19	-30
10-05-64 1376402 5582814 5-71					18		12,508	3.45	431						
1474283 HAMLET R A PA8ST.....*		1	15	1-21	15	1.3	15,296	3.73	570	27	21	-385	+.07	-5	-14
04-11-63 1140763 3725987 5-71					27		17,501	3.47	608						
1474288 DECTAR WISEGIS CHALLENGER.....	35-75	21	1	13-21,23,	27	1.0	14,228	3.75	533	38	56	-547	+.08	-9	-22
01-27-65 1179372 3548102 5-71				35,41,91	35		15,347	3.63	557						
1474299 FO-MA-TO-SA SKYHAWK VALIANT...*		7	5	3-47,48,	20	1.5	13,706	3.63	497	5	43	-47	.00	-2	-3
08-26-64 1289574 5037739 5-71				93	17		13,803	3.64	503						
1474302 SILVER ACRES TENSEN M TEXAL...*		2	8	1-21	10	1.2	15,963	3.61	576	0	21	+148	+.04	+11	+13
12-02-63 010264804 011240592 5-71					38		15,383	3.43	527						
1474313 HAR-OI BURKE OATS FARM ELMER..		1	16	1-35	16	1.3	17,457	3.64	636	14	22	+92	.00	+4	+6
09-18-64 1329588 4817023 5-71					11		17,372	3.62	628						
1474327 STAUFFLAND DIRECT ROYAL HOPE..*		2	7	2-35,65	10	1.0	13,411	3.81	511	0	21	-179	+.03	-2	-6
02-09-65 1352707 4120249 5-71					37		14,293	3.70	529						
1474328 YOLADIN MAJESTIC IKE.....*		1	14	1-23	14	1.1	15,974	3.69	589	7	20	+26	+.01	+3	+3
10-23-64 1293580 4948683 5-71					14		16,055	3.64	584						
1474337 8RACE FARM IMPERIAL FO8ES.....	35-75	19	1	9-21,23,	23	1.2	16,679	3.59	599	5	54	+273	+.01	+11	+16
12-28-64 1273756 4601864 5-71				41,91,93	99		16,419	3.57	586						
1474340 LACHUT COUNT MODEL MAKER-TWIN.*		5	4	1-12	12	1.0	15,464	3.78	584	50	30	+24	+.05	+8	+7
11-30-64 1366097 4705912 5-71					14		15,543	3.62	563						
1474351 HICKORY-T LUCIFER.....*		3	4	1-21	12	1.8	14,190	3.28	466	8	34	-42	-.08	-13	-12
05-17-64 1272013 4175824 5-71					21		14,358	3.53	507						
1474410 IDEOGRAPH STANDARD MARKSMAN...*		2	11	1-93	13	1.6	16,931	3.47	587	15	24	+137	.00	+5	+8
05-25-64 1373055 3301408 1-71					78		16,627	3.45	573						
1474421 DE-WA-SEE CARL P A CAPTAIN....*		1	11	1-34	11	1.4	15,705	3.36	527	0	20	+259	-.02	+6	+12
09-04-64 1443688 5664905 5-71					11		14,452	3.43	496						
1474427 GLAD-MAR WELT CHAMPION ADMIRAL*		1	11	1-51	11	1.5	13,769	3.90	537	9	20	+80	+.01	+4	+5
02-03-64 1237057 5127038 5-71					39		13,311	3.90	519						
1474506 SKAGVALE PRINCE PAUL.....*	91-13	1	13	1-91	13	1.5	18,448	3.86	712	0	22	+97	+.04	+9	+10
05-02-64 1259491 5830003 5-71					9		18,451	3.73	689						
1474525 SWAN VILLA SUPREME 8UTTER 8OY.*		1	21	1-45	21	1.4	12,788	3.93	503	19	23	+155	+.02	+9	+11
04-09-63 1098318 5333787 5-71					24		11,922	3.87	461						
1474560 PLAIN-O SCOUT FLAME.....		2	17	1-48	19	1.3	15,482	3.62	561	21	23	+56	.00	+2	+3
10-17-64 1433288 4735255 5-71					15		15,388	3.62	557						
1474561 BROWNS SUSAN FOND REMUS.....		2	8	1-48	11	1.0	10,110	3.70	374	70	22	-462	+.01	-15	-24
12-27-63 1331411 4936013 9-70					8		12,055	3.68	444						
1474585 PINE SHELTER RAMBLER CHAL.....		1	20	1-41	20	1.8	13,022	3.66	477	5	25	-98	.00	-4	-6
10-28-63 1291499 4171236 5-71					13		13,368	3.72	497						
1474612 AHRENS PROFILE KING.....*		2	12	1-35	14	1.2	13,144	3.57	469	38	22	-109	-.01	-5	-7
03-05-64 1232907 4684084 5-71					44		13,609	3.63	494						
1474629 OAYLAND CHIEF MADCAP.....*		1	13	1-87	13	1.4	14,696	3.29	483	15	21	+165	-.05	-1	+3
10-12-64 1419435 5667635 1-71					30		13,900	3.53	491						
1474635 ECHO-NOTCH DUKE CRACKER.....*		1	15	1-21	15	1.3	16,978	3.74	635	29	21	+210	-.01	+6	+10
07-09-64 1222994 5420126 1-71					43		16,203	3.80	616						
1474636 LUND DALE PRILLY SKYHAWK.....*		1	13	1-41	13	2.2	17,029	3.33	567	23	24	+132	-.03	0	+3
04-01-64 1289574 5029648 5-71					23		16,748	3.42	572						
1474638 RIDGE FARM DEWY SUPREME.....	35-75	18	2	7-32,35,	25	1.0	16,261	3.62	589	13	53	+514	+.01	+20	+30
10-11-64 1085978 4583160 5-71				55,57,93	51		15,449	3.60	556						
1474658 8 Y U JULIAN POTENTATE.....*		2	8	1-87	15	1.2	14,882	3.52	524	14	29	-175	+.01	-5	-9
07-29-64 1292776 3929762 5-71					63		15,674	3.50	548						
1474659 8 Y U GALLANT LAD.....*		4	13	1-81	20	1.4	16,604	3.14	521	20	29	+419	-.07	+5	+15
10-15-64 1329588 4535301 5-71					22		15,270	3.29	502						
1474683 NORCLIFF RO8ARON CHAMP.....*		2	8	1-86	11	1.1	15,049	3.18	479	30	22	+132	-.06	-4	0
09-22-64 1313355 5392823 5-71					101		14,509	3.45	500						
1474684 NORCLIFF RO8ARON MONARCH.....*		4	22	1-93	28	1.1	16,402	3.48	571	4	26	+91	-.03	-1	+2
09-28-64 1313355 4543973 5-71					37		16,287	3.61	588						
1474698 TORA HOPE NETHERLAND.....*		3	8	1-21	13	1.1	12,705	3.98	506	0	25	-369	+.10	0	-10
09-08-64 1463996 4840243 5-71					24		14,230	3.59	511						
1474722 8REEZAC CALHOUN.....*		3	8	1-51	14	1.6	14,251	3.37	480	0	30	-17	-.04	-6	-5
09-08-64 010260599 5197786 5-71					41		14,352	3.50	503						
1474724 MELLOW-SIDE ADMIRAL PRINCE....		1	14	1-34	14	1.0	10,264	3.67	377	**	19	-448	+.02	-13	-22
09-02-64 1290182 5870842 5-71					6		12,441	3.58	446						
1474740 ANEDAW SIGNET 8ARTA.....*		9	1	2-41,46	10	1.0	19,681	3.36	661	0	33	+1,538	-.12	+37	+71
01-16-65 1435523 4474385 5-71					10		15,076	3.65	551						
1474742 LA MARCH PONTIAC.....*		2	10	1-32	12	1.2	13,709	3.44	471	0	21	-47	-.01	-3	-4
11-22-64 1397752 5761351 5-71					34		13,931	3.50	487						
1474757 TIDY HILL FLASHY DESIGN.....*		7	2	2-11,13	13	1.6	15,013	3.31	497	0	40	-182	-.13	-25	-25
09-08-64 1324992 5266497 5-71					26		15,641	3.64	570						

REGISTRATION NUMBER / NAME / SIRE / BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HD	STATES NO- WITH MOST DAUS	DAUGHTERS AND HERDMATES: DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	%	1ST INC	REPT %	PREDICTED DIFFERENCES: MILK	%	FAT	$$
1474760 HAN JO JO DUKE.....		1	14	1-31	14	1.2	11,985	3.46	415		14	20	-306	-.01	-12	-18
10-23-64 1288610 5318493 5-71					20		13,439	3.53	475							
1474765 GREEN KNO8 SATELLITE.....		2	28	2-61,63	30	1.1	14,716	3.64	535		10	24	+271	-.01	+9	+15
11-21-64 1243697 4392833 5-71					74		13,543	3.68	499							
1474766 MAPLEWOOD LANE TRAVELER.....*		2	9	1-33	12	1.3	12,813	4.02	515		25	24	-536	+.08	-8	-21
09-11-64 1378594 4795324 5-71					20		15,182	3.66	556							
1474776 WARLAU 8RAUNS JEWEL.....		1	10	1-42	10	1.1	16,772	3.43	576		10	18	+377	-.03	+9	+17
11-15-64 1318021 4667208 5-71					37		14,786	3.57	528							
1474830 8RAINTRIM GLAMOUR 8OY PRINCE..	72-01	17	2	2-63,72	24	1.0	15,048	3.47	522		8	52	+333	-.01	+11	+18
09-09-64 1282185 4502211 5-71					21		14,460	3.46	500							
1474835 LEA INN SENATOR CROWN.....*		12	11	3-42,47,	32	1.5	14,126	3.54	500		4	43	-71	-.02	-5	-6
07-14-64 1252985 5055742 5-71				61	12		14,332	3.59	514							
1474837 LEA INN 8UTTER 8OY DORK ACE...		1	11	1-42	11	1.0	10,970	3.53	387		0	18	-226	.00	-8	-13
02-01-65 1373030 4731220 5-71					54		12,027	3.56	428							
1474838 ROLORAN CHIEF 8ELLE HECTOR....*		2	12	2-35,48	14	2.1	14,068	3.77	530		23	26	-12	+.02	+3	+2
01-29-63 1411312 5180354 5-71					18		14,137	3.66	518							
1474862 8ECKEROALE MAPLE OLIVER POSCH.*		1	20	1-35	20	1.4	10,607	3.93	417		11	23	-283	+.04	-5	-11
07-29-63 1386406 4832402 1-71					12		11,612	3.75	435							
1474877 GLEN COVE IVANMAN-TWIN.....*		1	10	1-21	10	1.6	13,568	3.67	498		0	21	-254	+.03	-5	-11
06-02-64 1422665 5412887 5-71					20		14,906	3.54	528							
1474903 FRAN-LAN DAGAN REX.....	35-75	18	1	9-21,23,	22	1.4	13,747	3.68	506		22	54	-449	+.05	-10	-20
10-03-64 1223243 4483551 5-71				31,35,93	81		14,650	3.60	528							
1474906 OISTINCTION ROYAL JULES.....*		1	13	1-35	13	1.1	10,521	3.72	391		15	19	-574	-.04	-26	-36
12-27-64 1305460 4207418 5-71					8		13,432	3.95	531							
1474910 HACKLO PONTIAC SEQUOIA JO.....		2	7	1-48	13	1.1	13,167	3.22	424		62	26	-382	-.02	-16	-23
10-05-64 1274923 4649601 5-71					19		14,751	3.32	489							
1474948 APACHE CITATION COMANCHE.....*		2	19	1-86	21	1.1	14,589	3.40	496		19	23	-31	-.01	-3	-3
12-12-64 1492073 5591926 5-71					121		14,818	3.47	514							
1474958 LY-LOU GOLDEN HERITAGE.....*	35-05	9	2	3-35,41,	14	1.1	15,746	3.59	566		7	39	-2	-.04	-6	-5
07-29-64 1373055 4456371 5-71				42	22		15,956	3.71	592							
1474959 8O8ANOA MEISEGEIER GOOFREY....*		1	14	1-35	14	1.0	13,515	3.60	487		25	19	-139	-.01	-6	-9
12-08-64 1331314 4466007 5-71					15		14,276	3.66	523							
1474969 USNAO KEYSTONE CALAMITY.....*		2	11	1-51	13	1.2	13,114	3.58	469		8	22	-19	-.02	-3	-3
11-15-64 1291028 3721234 1-71					72		13,122	3.72	488							
1474975 PACLAMAR LONGEVITY.....*	31-02	14	7	4-31,56,	30	1.2	15,474	3.39	525		14	47	+62	-.02	0	+2
01-22-65 1429821 4754847 5-71				64,84	17		15,498	3.40	527							
1474981 CRAE8ROOK WIL-O-WHIT OAOGA....*	21-10	51	1	2-13,21	53	1.4	15,271	3.58	547		15	75	-123	+.02	-2	-5
09-08-64 1223243 4761486 5-71					29		15,602	3.56	556							
1475001 NILO SEARS NELLA.....*		4	7	2-21,23	19	1.1	15,749	3.38	532		5	35	+121	-.02	+1	+4
09-23-64 1085978 5498105 5-71					55		15,561	3.42	532							
1475008 RNJ WIS PA8ST JOE.....*		1	12	1-23	12	1.3	15,168	3.50	531		0	20	+386	-.04	+8	+17
12-21-64 1283536 4405089 5-71					21		13,139	3.72	489							
1475029 WELLA8E T M REFLECTION.....*		6	4	2-41,46	17	1.9	14,186	3.69	524		33	43	+242	+.03	+13	+17
12-28-63 1296576 5789123 5-71					8		13,583	3.63	493							
1475045 MACSFARM ECHO 8ANNER.....*		1	12	1-21	12	1.4	17,373	3.67	638		29	21	+402	-.01	+13	+21
02-29-64 1227400 3802484 5-71					38		15,586	3.73	581							
1475058 HYLANO-K8 LEAOER WINNIE.....*		1	19	1-16	19	1.7	18,329	3.51	644		5	24	+527	-.02	+16	+27
08-11-64 1289744 4998830 5-71					36		16,407	3.57	586							
1475066 8RIGEEN CHIEF E8ONY.....*		2	22	2-11,16	24	1.2	18,028	3.58	645		17	24	+488	-.06	+9	+20
01-12-65 1397517 5764237 5-71					37		16,202	3.83	620							
1475069 JEWETTHOLM IMPERIAL ROSNY.....	21-10	36	1	2-13,21	36	1.3	14,677	3.52	517		11	66	-258	-.03	-13	-17
11-02-64 1296729 4304021 5-71					26		15,194	3.57	542							
1475109 EOH CHIEFTAIN 8ESS ROCKY.....		3	15	2-73,74	20	1.4	16,864	3.44	580		6	27	+402	-.06	+6	+15
06-04-64 1412161 4683213 5-71					23		15,541	3.62	562							
1475127 VANHURST SOVEREIGN WAYNE ECHO.*		1	10	1-23	10	1.4	13,937	3.61	503		11	20	-261	-.01	-11	-16
09-24-64 1420476 5034187 5-71					10		15,423	3.70	570							
1475138 WYSSLANO PARAGON LAOOIE.....*	35-05	14	3	2-33,35	26	1.0	14,655	3.63	532		24	50	-189	-.02	-10	-13
02-04-65 1413083 5510658 5-71					19		15,161	3.69	559							
1475144 DAWNCREST CHIEF LITTLE JOE....*		3	7	2-12,16	10	1.4	16,847	3.66	616		0	24	+49	.00	+2	+3
09-20-64 1397517 5614310 5-71					34		16,938	3.65	619							
1475172 COURRIER 8URKE CAPTAIN.....		1	25	1-42	25	1.8	15,101	3.52	531		0	25	+348	-.04	+7	+15
09-20-63 1434011 4603958 5-71					4		13,694	3.68	504							
1475183 ALLENDAIRY CHAMPION.....		2	13	1-23	15	1.0	13,085	3.49	457		7	21	-121	-.03	-8	-10
09-27-64 1336050 5278981 5-71					11		13,627	3.68	501							
1475201 RETLAW DOU8LE FORTUNE.....*	35-21	9	1	5-35,41,	10	1.2	15,683	3.60	565		22	34	+292	-.03	+6	+13
06-12-64 1396885 4533856 5-71				47,48,74	19		14,924	3.69	551							
1475210 HAMLETTS ELAINE OESIGN JACK...		1	16	1-42	16	1.4	12,659	3.50	443		0	22	-19	-.02	-4	-4
04-10-63 1352967 4510896 5-71					3		12,619	3.67	463							
1475213 REMER OUKE VAN HOOSEN.....	35-75	18	2	8-21,35,	25	1.2	15,999	3.59	575		9	55	+218	+.05	+15	+18
11-20-64 1000390 3454357 5-71				41,55,93	48		15,783	3.50	552							
1475218 SOUTHSHORE GOLDIE ROCKET-TWIN.		1	20	1-45	20	1.4	13,764	3.84	529		15	23	-216	+.04	-2	-7
10-01-64 1398525 4531678 5-71					24		14,806	3.71	549							
1475251 HAGEMANS HICROSS.....*		3	9	3-35,55,	13	1.5	12,950	3.78	490		42	25	-312	+.06	-3	-11
10-21-63 1378594 4941435 5-71				65	16		14,255	3.56	507							
1475257 TOPS MARK ANTHONY.....*		2	14	1-51	16	1.3	13,254	3.76	499		6	23	-400	+.01	-13	-21
09-20-64 1429521 5590285 5-71					56		15,134	3.75	568							
1475272 EKCO H K A SOVEREIGN IKE.....		1	12	1-11	12	1.4	13,859	3.69	512		10	21	-335	+.02	-10	-17
03-05-64 1333423 4458587 5-71					67		15,660	3.66	573							
1475281 HOSS PINNACLE HAR8ORCREST.....		1	10	1-31	10	1.1	17,006	3.56	605		22	18	+168	+.02	+9	+12
10-02-64 1406271 4883401 5-71					21		16,323	3.46	564							
1475321 KREMEIER PA8ST 8LACK MAGIC....		2	12	1-73	15	1.1	14,773	3.82	564		13	23	+26	+.03	+5	+5
03-27-64 1210078 4260483 5-71					7		14,741	3.70	545							
1475351 DELI PONTIAC GREAT IKE.....		1	11	1-33	11	2.0	11,386	3.62	412		0	23	-116	-.01	-6	-8
06-24-64 1311154 5298637 5-71					21		11,674	3.73	435							

REGISTRATION NUMBER / NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1475363 8OI LAD RULER LONNIE.....*		3	9	2-23,51	12	1.0	15,546	3.74	581	D	22	+2D6	+.D3	+12	+15
08-31-64 1281479 5658884 5-71					44		14,691	3.59	528						
1475365 8DI PRW FO8ES CLIVE.....*	35-75	13	2	5-21,35,	18	1.2	16,175	3.50	566	21	47	+172	-.C4	C	+4
09-25-64 975138 4761123 5-71				51,91,93	63		16,D11	3.6D	576						
1475380 PECDRAOALE SANTA REFLECTOR....*		1	12	1-23	12	1.1	19,357	3.65	7D7	25	19	+461	-.D2	+14	+24
11-15-64 1343645 4910986 5-71					41		17,261	3.74	645						
1475383 X-L-FARM BARON PRETZEL PAUL...*		1	13	1-32	13	1.2	11,718	3.51	411	9	2D	-46D	.DD	-16	-25
09-22-64 1426946 4957515 5-71					17		14,DO9	3.54	496						
1475387 BRIGEEN CHIEF STAR8RIGHT JOE..*		3	8	1-13	11	1.1	14,210	3.62	514	18	22	-312	+.C6	-3	-11
12-25-64 1397517 516112D 5-71					2D		15,792	3.39	536						
1475392 GRAHAVEN KILDAIRE-TWIN.....*		5	4	2-14,16	1D	1.6	16,116	3.7D	597	11	29	+62	.0D	+2	+3
04-20-64 1492073 011132877 5-71					21		16,121	3.72	599						
1475406 EV-LENS 8ARTA MONOGRAM.....		1	11	1-41	11	1.0	14,68D	3.61	53D	D	18	+5D	-.D1	D	+1
10-D1-64 1335787 41741D6 5-71					6		14,459	3.75	542						
1475433 ALLENOR 8ILLY 8OY.....*		1	1D	1-23	1D	1.2	12,406	3.82	474	2D	19	+138	-.D1	+4	+7
09-01-64 1388656 5486937 1-71					2D		11,411	3.93	449						
1475434 WILOMOOR RDCKET ZOE-TWIN.....*		3	15	1-23	19	1.D	14,324	3.66	524	11	23	-81	+.C2	D	-2
12-16-64 D1D252803 4978924 5-71					30		14,757	3.61	533						
1475449 ADOHR GOLDEN VICTOR.....*		4	1D	2-51,54	19	1.3	15,066	3.76	567	0	31	+4	-.C2	-2	-2
12-21-64 1215448 5231014 5-71					37		15,178	3.85	584						
1475466 VIGO GALAXIE LEADER.....*		1	12	1-35	12	1.4	16,866	3.82	645	D	21	+335	-.02	+9	+16
01-18-65 1419005 4876597 5-71					23		15,386	3.98	612						
1475467 STAR SUMMIT E LEAOER DARKY....		1	12	1-34	12	1.0	14,295	3.9D	558	13	19	+172	+.01	+8	+11
10-16-64 1385871 5403780 5-71					11		13,3D5	3.86	514						
1475485 ACKLEYS UNEEDA PAT.....*	35-75	19	2	13-23,31,	26	1.3	14,945	3.55	531	23	57	+116	-.D3	D	+3
11-25-64 1291498 4981921 5-71				32,33,93	41		14,829	3.62	537						
1475488 MAPLESIDE CRISSCROSS HI HDPE..*		8	4	1-13	15	1.0	15,141	3.82	579	25	34	-15	+.D8	+10	+8
08-01-64 1378594 4539533 5-71					22		15,325	3.62	555						
1475503 HAGER SAMASE TIOY VEEDICTIDN..*		6	17	2-43,61	29	1.5	12,918	3.55	458	10	33	-1D5	+.D5	+3	0
01-05-64 1210507 38039D6 5-71					28		13,160	3.37	444						
14755D8 RE8URKE D-E-LAN DOMINIC 8DY...		1	12	1-33	12	2.2	13,D17	3.29	428	8	23	-333	-.D4	-17	-23
01-31-63 1311794 4367179 5-71					11		14,520	3.49	5D7						
1475523 ELGOOD RAIN8OW THOMAS.....*		1	15	1-31	15	1.3	15,644	3.41	533	7	21	+458	-.D7	+6	+17
D1-15-65 1181572 4766657 5-71					25		13,412	3.78	507						
1475524 WEINER PDLYTECHNIC DLIVER.....	35-75	26	1	12-21,34,	3D	1.5	16,264	3.63	591	19	63	+468	.0D	+17	+26
1D-25-64 1D10936 4671183 5-71				41,52,55	52		15,695	3.63	570						
1475530 MAPLEOALE MAPLE KING.....*		4	4	1-35	10	1.1	15,467	3.61	559	22	26	+37D	+.02	+16	+23
D9-14-64 13864D6 4492734 1-71					15		14,047	3.54	497						
1475571 MAYFALK COMET KING MARK.....	35-75	19	2	9-21,23,	25	1.2	15,716	3.82	6DD	17	55	+40	+.D9	+14	+13
12-23-64 1222994 4660066 5-71				35,91,93	68		15,832	3.68	582						
1475574 ZELDENRUST ADMIRAL.....*		11	1	3-14,21,	12	1.1	14,101	3.62	511	0	38	-26	+.D1	+1	D
12-1D-64 1370469 4795724 5-71				32	20		14,197	3.59	5D9						
1475581 8RDOKSIDE CRESCENT PRDGRESS...*		5	7	4-14,16,	13	1.2	11,899	3.29	391	8	28	-366	-.D6	-21	-27
10-07-64 1373068 4563509 5-71				35,43	17		13,14D	3.55	466						
1475586 MELLO-VAR GOLOEN ROD.....*		4	6	1-23	16	1.4	16,D57	3.71	596	19	34	+214	+.D3	+12	+16
D9-25-64 1337741 5247155 5-71					22		15,581	3.63	565						
1475587 MELLO-VAR HEADMASTER.....*		7	2	2-22,23	11	1.6	15,012	3.68	552	9	37	-9	.00	0	0
10-27-64 1337741 5499847 5-71					22		15,161	3.67	557						
1475601 A J B AL GENERAL.....		2	15	1-21	17	1.9	12,013	3.80	456	12	26	-349	+.03	-8	-16
03-23-63 12154D2 4029735 5-71					21		13,279	3.68	489						
1475634 BELVEDERE PRIOE DIXIE.....*		2	9	1-87	18	1.7	13,066	4.06	530	0	33	-31D	+.09	+1	-7
12-21-63 1237D57 4D4D534 5-71					6		14,011	3.77	528						
147564D RAVENGLEN TRIUNE LAD 8URKE....*		1	11	1-64	11	1.9	14,D15	3.96	555	0	22	+2D6	+.D7	+17	+19
D1-31-64 1370471 4296862 5-71					28		13,D00	3.67	477						
1475641 LDU-CHRIS FONO HDPE MAPLE-TWIN		1	20	1-64	20	1.1	12,647	3.46	438	15	21	-79	-.02	-6	-7
05-17-64 1243697 5573210 5-71					29		12,926	3.64	47D						
1475697 CIMARRDN ADMIRATIDN.....		3	4	1-73	1D	1.2	13,161	3.19	420	40	26	-193	-.05	-14	-17
D8-11-64 1237057 5244647 5-71					10		13,895	3.43	476						
1475731 KNDLOOETTE CREAMELLE BURKE PAT		1	14	1-35	14	1.1	11,857	3.53	419	8	2D	-303	-.02	-13	-19
1D-06-64 1314767 522867D 5-71					19		13,305	3.65	486						
1475732 COLINDON T V RAG APPLE LINDY..	35-75	21	2	1D-21,35,	3D	1.4	16,8DD	3.54	595	15	61	+817	-.D4	+24	+41
10-13-64 1182696 3962514 5-71				42,57,93	54		15,62D	3.59	561						
1475738 DEER 8RDOK PRINCE STAR.....*		1	11	1-41	11	1.2	14,875	3.75	558	17	19	-1D5	+.D1	-3	-5
08-31-63 12329D7 50D6384 1-71					27		15,596	3.76	586						
1475745 EOH CRESCENT COUNT JOE.....*		6	3	4-43,48,	13	1.4	13,197	3.58	473	27	36	-255	+.D6	-1	-7
06-09-64 1412161 5181252 5-71				71,73	27		13,903	3.43	477						
1475787 INWOOO HOMESTEAD OUKE GUS.....		1	11	1-35	11	1.3	13,863	3.60	499	D	20	-127	-.02	-7	-9
12-D1-64 14387D7 4845385 1-71					15		14,585	3.72	543						
1475792 RDULETTE RAG APPLE OEAN.....*		3	5	2-35,58	11	1.4	15,517	3.47	538	9	28	+49	-.D3	-3	-1
11-D6-64 13864D6 5609D47 5-71					22		15,498	3.61	559						
14758D9 ARNEVALE IOEAL.....*		2	6	1-35	10	1.2	12,966	3.29	426	10	24	-27	-.D2	-4	-4
11-12-64 1406548 4992900 1-71					21		12,989	3.40	442						
1475888 HU88YS IVAN DANOY MARVEL.....*		4	4	1-22	12	1.2	17,848	3.50	625	8	30	+581	-.05	+14	+27
09-22-64 1414261 4976773 9-70					29		16,152	3.63	586						
1475911 HDCHDALE R PONTIAC ROAMER.....		1	10	1-34	10	1.3	15,62D	3.36	525	30	19	-170	.00	-6	-9
D9-21-64 1397752 5667078 5-71					14		16,804	3.39	57D						
1475918 MACINTIRE MUTUAL MASTER.....	35-75	16	1	7-21,23,	17	1.0	17,740	3.26	579	0	46	+1,158	-.16	+17	+44
02-05-65 1087974 4286786 5-71				34,35,55	31		15,335	3.57	547						
1475923 LUOCHEN AMY REFLECTION.....		1	14	1-34	14	1.1	14,145	3.68	521	0	20	+150	.00	+6	+9
1D-07-64 1312348 5406972 5-71					12		13,338	3.69	492						
1475948 LANOWORTH ECHO COMET CAROL....*		1	10	1-35	10	1.2	12,653	3.86	489	30	19	-146	.00	-5	-8
D1-13-65 1431771 4138860 5-71					19		13,388	3.91	523						
1475949 HUMMING-J MAGISTRATE CAPITAIN.*		2	8	2-35,51	1D	1.3	13,798	3.64	502	44	21	-224	-.01	-10	-14
12-D1-64 1249795 474D883 5-71					13		14,974	3.75	562						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1476012 LYNKHOLM S P JEWEL OF SHARON..*		5	4	1-21	13	1.1	19,919	3.34	665	0	32	+1,168	-.12	+24	+50
11-15-64 1442941 5081880 5-71					22		16,503	3.63	599						
1476041 DIAMOND S SOVEREIGN KOLA.....*		1	23	1-93	23	1.2	15,113	3.84	581	12	22	-139	+.04	+1	-3
06-21-64 1382958 3903729 5-71					61		15,941	3.67	585						
1476057 IONIA VALDESSA PABST SEGIS....*		1	17	1-34	17	1.2	12,194	3.64	444	40	21	-465	+.01	-15	-25
09-19-64 1380164 3090250 5-71					89		14,418	3.61	521						
1476106 CEN-SEC DONNAMOKA JOE.....*	35-05	5	4	2-33,35	13	1.1	15,836	3.66	580	31	31	-31	-.01	-2	-2
01-26-65 1106334 4806960 5-71					14		16,159	3.71	600						
1476117 BREEDLOVES BEAUTY JOSE.....		1	10	1-57	10	1.0	12,343	3.69	455	11	18	-120	.00	-5	-7
10-11-64 1240549 3522447 5-71					33		12,922	3.78	489						
1476123 M V B A LAD TIDY REX.....	41-01	28	1	2-41,45	31	1.1	14,435	3.60	520	24	61	-94	-.02	-6	-7
11-12-64 1247008 4478527 5-71					19		14,661	3.64	534						
1476130 ALBERTVILLE BANNER RAG APPLE..*		2	10	1-35	12	1.1	15,938	3.91	623	17	21	+97	+.01	+5	+7
01-10-65 1329588 5164741 5-71					23		15,643	3.90	610						
1476155 WEINER FLYING CLOUD BRAVO.....*		1	12	1-35	12	1.0	12,393	3.76	466	33	19	-149	.00	-6	-9
10-12-64 1397517 4976140 5-71					22		13,119	3.82	501						
1476170 PUGET SOUND EXPECTATION.....*	91-11	20	4	4-33,41,	28	1.5	16,274	3.63	590	4	54	+854	-.01	+29	+46
09-26-64 010271846 5654930 5-71				42,47	13		14,779	3.65	540						
1476214 MAR-MIK MISTER PRINCE.....		1	18	1-34	18	1.4	16,933	3.72	630	9	23	+343	+.02	+15	+21
11-21-64 1274684 4508526 5-71					20		15,586	3.66	570						
1476231 ENSLOWS ULTIMATE SAM.....		1	19	1-21	19	2.1	14,553	3.86	562	22	25	+25	+.05	+8	+7
04-19-63 1085978 3841316 5-71					12		14,512	3.68	534						
1476235 DALE OELIGHT CHOICE SHERMAN...*		2	27	1-42	32	1.3	16,493	3.83	632	23	27	-309	+.08	0	-8
09-27-64 1237666 3627308 5-71					16		18,065	3.61	652						
1476267 LON-NIE FONO ELROY.....*		2	24	1-48	26	1.7	14,330	4.06	582	0	26	+227	+.07	+18	+21
05-25-63 1367055 4622723 5-71					20		13,412	3.82	513						
1476272 CHESTER HOME BOMBER.....*		3	9	2-35,63	16	1.9	10,857	3.73	405	**	32	-94	+.01	-2	-4
08-06-63 1321517 4664277 5-71					22		10,844	3.73	404						
1476315 HOMERVILLE GOLDEN ZELLA.....*		3	6	2-31,57	14	1.3	12,976	3.69	479	23	30	-215	+.03	-4	-9
02-06-64 1300074 5149006 5-71					47		13,673	3.61	494						
1476316 LEECRAFT HAROEN MEIS REX.....*		1	12	1-35	12	1.3	13,430	3.57	480	17	20	+129	-.03	+1	+4
09-19-64 1373055 4337107 5-71					9		12,661	3.71	470						
1476334 CALLAWAY REGENT ACHIEVEMENT...*		2	6	1-43	11	1.4	12,986	3.43	446	9	27	-422	+.02	-13	-22
05-18-64 1250772 4813888 1-71					43		14,621	3.40	497						
1476373 NSH MERIUM JO BURKE LIEGE.....*		1	17	1-47	17	1.2	15,937	2.96	472	15	21	+241	-.09	-4	+3
10-12-64 1300012 5429240 5-71					18		14,909	3.31	494						
1476390 TWIN MAPLE RAMBLER PEARL.....	35-75	17	1	9-21,31,	18	1.2	16,470	3.55	584	20	49	+411	-.03	+11	+20
11-16-64 975138 4306881 5-71				35,41,55	57		15,812	3.59	567						
1476398 U NEVAOA GENERAL AID.....		2	15	1-93	28	1.3	18,260	3.54	646	11	34	+345	-.07	+3	+11
07-30-64 1409709 3581805 5-71					20		17,595	3.70	651						
1476419 WISCORI BURKE TONY.....*		5	8	1-35	16	1.4	15,372	3.84	591	0	31	+146	-.04	0	+4
01-10-64 1420676 5092793 5-71					29		14,999	4.00	600						
1476422 CRESCENT BEAUTY MONARCH.....*		1	12	1-35	12	1.1	14,034	3.58	502	8	19	+76	-.03	-2	0
01-01-65 1316533 5466408 5-71					21		13,600	3.84	522						
1476426 QUAST DESIGN ORMSBY.....		1	10	1-41	10	1.3	13,267	3.60	478	0	19	-25	+.02	+2	+1
11-24-64 1350190 4380911 1-71					10		13,341	3.46	462						
1476430 CLEAVER ROBINHOOD NORO.....*		1	11	1-50	11	1.5	13,196	3.61	477	18	20	-2	.00	0	0
08-29-64 1378685 4484660 1-71					14		13,128	3.63	477						
1476448 DARMONT NOEL CRIS.....		1	35	1-35	35	1.6	13,871	3.54	491	13	26	+257	+.01	+10	+15
04-01-64 1419631 5575849 1-71					8		12,761	3.50	447						
1476466 VALLA VISTA MARVEL PENNY.....*		3	5	2-47,48	11	1.0	15,684	3.51	551	36	25	+116	-.02	+1	+4
02-20-65 1417703 5026700 5-71					13		15,364	3.58	550						
1476482 MD-MAPLE-LAWN GENERAL.....*		1	13	1-23	13	1.5	14,210	3.42	486	23	21	-295	-.07	-20	-24
11-02-64 1396302 5516482 5-71					12		15,785	3.75	592						
1476513 BEI-LAN IVANHOE PABST WIZZ....	35-75	13	1	9-13,32,	16	1.2	16,160	3.40	549	27	45	+199	-.07	-3	+3
12-04-64 975138 5192276 5-71				35,55,93	60		15,912	3.55	565						
1476517 KNOLLSIOE CR-X SIGMUND.....*		2	16	1-41	18	1.2	14,049	3.82	536	28	23	+2	+.05	+7	+6
01-02-65 1441468 4324870 5-71					28		14,050	3.59	504						
1476519 KNOLLSIOE CR-X LYNDON.....		2	16	1-42	18	1.2	12,617	3.57	450	11	23	-15	+.03	+4	+3
01-20-65 1441468 4485837 5-71					8		12,546	3.40	426						
1476520 KNOLLSIDE CR-X MARCUS.....		1	10	1-41	10	1.4	11,965	3.71	444	20	19	+244	+.01	+10	+15
02-10-65 1441468 4883041 5-71					9		10,340	3.68	381						
1476576 TIDWELL BONHEUR LIFLOE PAT....		1	22	1-57	22	1.2	16,237	3.62	588	0	22	+491	-.01	+16	+26
08-06-64 1291498 5345094 5-71					25		14,055	3.69	518						
1476583 FIREYDALE ADMIRAL LAD.....*		4	13	1-51	20	1.4	18,373	3.55	653	5	29	+656	-.04	+18	+32
05-27-64 1237057 5072647 5-71					18		16,345	3.68	601						
1476600 REGANCREST ROBURKE CRUSADER...*		2	8	1-42	11	1.1	11,199	3.53	395	9	22	-462	+.02	-14	-24
01-08-65 1314449 5405864 5-71					24		13,210	3.47	459						
1476643 ORUBAR FONO JACK.....		1	16	1-42	16	1.1	14,732	3.58	528	6	20	+102	-.03	-1	+2
10-24-64 1436025. 5291541 5-71					3		14,262	3.78	539						
1476655 SMITHOLM STARGAZER.....*		2	15	2-23,47	17	1.0	11,946	3.82	456	6	22	-233	+.01	-7	-12
08-30-64 1321904 3841838 9-70					40		12,928	3.80	491						
1476662 STERK FONO NEPTUNE.....		1	22	1-93	22	1.1	20,144	3.38	680	10	21	+606	-.03	+18	+31
12-20-64 1243697 3775132 5-71					114		17,689	3.42	605						
1476663 STERK BRIGITTE DUKE.....*		4	13	1-93	23	1.3	16,984	3.44	584	15	31	-105	-.07	-13	-14
12-10-64 1357750 5212926 5-71					118		17,701	3.64	644						
1476673 RUSTIC ROCKET PONTIFF.....*		4	6	1-34	16	1.1	15,433	3.72	574	27	31	-173	-.02	-9	-12
11-07-64 1413165 4662977 5-71					15		16,213	3.81	617						
1476679 WIPLEOALE MARGE PRINCE REX....*	21-10	38	1	2-13,21	38	1.1	17,312	3.44	595	9	66	+855	-.09	+18	+37
10-16-64 1263152 4888504 5-71					26		16,256	3.54	575						
1476741 QUIET ACRES GINGER NIG.....*		1	17	1-91	17	2.2	15,657	3.90	610	6	26	-127	+.06	+4	0
04-05-63 1258673 4701022 5-71					159		16,407	3.68	604						
1476759 MINNECHAUG VEE RICKY BEETS....*		1	23	1-16	23	1.4	20,288	3.60	730	0	23	+708	-.02	+23	+37
08-18-64 1279964 5129504 5-71					51		17,630	3.68	648						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... OAUS HM/DAU	REC/OAU HEROMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1476762 ENDERS FARM CENTURION BURKGOV.	23-13	33	2	5-23,51,	42	1.1	14,800	3.55	526		15	66	+216	-.08	-4	+2
02-26-64 010239301 5464248 5-71				52,54,55	23		14,534	3.69	537							
1476769 SWAMPY HOLLOW ROYAL HOPE.....*	72-01	6	4	3-22,23,	13	1.2	13,674	3.73	510		15	32	-167	-.01	-7	-10
01-07-65 1243697 3890656 5-71				72	17		14,226	3.80	540							
1476784 OAKWOOD-DALE PIONEER WOODY....*		2	8	1-61	10	1.1	15,541	4.03	627		11	20	-88	+.08	+8	+4
12-16-64 1292880 4475489 5-71					41		16,215	3.66	594							
1476786 REXSON SENATOR SKYLARK.....*		3	5	1-21	11	1.1	14,582	3.37	491		27	27	+191	-.05	0	+5
11-07-64 1252985 5781261 5-71					22		13,869	3.55	492							
1476799 BEANEHAVEN SUPREME CYCLONE....*		4	13	2-33,35	25	1.2	13,265	3.57	473		29	33	-70	-.03	-7	-8
12-09-64 1341149 4448454 5-71					22		13,432	3.69	496							
1476800 DAMOUR MOOSEHEART ROYAL.....*		1	23	1-42	23	1.8	12,555	3.72	467		5	25	-5	.00	0	0
03-23-64 1292880 5207969 5-71					35		12,428	3.73	463							
1476806 MIORIOGE DON JUAN.....*		6	3	2-12,16	11	1.3	15,518	3.74	580		10	32	-30	+.07	+8	+6
10-17-64 010275932 4358790 5-71					21		15,802	3.54	560							
1476811 SANDHURST RENDEL DUKE.....	21-10	31	1	2-13,21	31	1.0	16,272	3.60	585		13	61	+348	+.05	+19	+25
01-28-65 1112211 4989726 5-71					24		15,894	3.52	559							
1476833 BASSWOOD-SPRINGS BURKE JIM....		1	12	1-33	12	1.4	15,551	3.88	603		8	21	-241	+.03	-5	-10
10-27-64 1167511 4452535 5-71					14		17,035	3.81	649							
1476867 GOODSONS STYLEMASTER WALDO....	35-75	17	1	8-23,35,	19	1.0	15,202	3.51	534		28	48	-219	-.03	-12	-16
01-26-65 1175471 4477243 5-71				55,87,93	28		15,852	3.58	568							
1476907 TARA-HILLS HIGHCROFT-TWIN.....*		1	11	1-21	11	1.0	14,358	3.77	541		27	18	-168	+.01	-4	-8
02-02-65 1443217 5685625 5-71					24		15,436	3.74	578							
1476921 PAGELS ORMSBY DUCHESS ORB-TWIN*		2	20	1-42	22	1.6	14,021	3.92	550		23	26	+21	+.06	+9	+8
11-09-63 1425158 4893364 5-71					11		13,939	3.72	518							
1476935 RUJEANZ EMINENT TOPPER.....*		6	6	1-84	17	1.2	13,874	3.35	465		13	35	+30	-.01	-1	0
01-18-64 010274514 4909840 5-71					24		13,772	3.40	468							
1476954 PINEYNOOK INSIGNIA REGENT.....		1	18	1-41	18	1.6	15,642	3.36	525		15	23	+337	-.04	+6	+14
01-22-64 1250772 5665063 5-71					10		14,224	3.52	501							
1476997 ARNEVALE IDEAL COMET.....*		2	13	1-35	15	1.1	11,362	3.34	380		13	22	-343	.00	-12	-19
01-15-65 1406548 4917876 5-71					16		12,846	3.38	434							
1477016 BACONFARM MONOGRAM DUKE.....	35-75	22	1	10-21,35,	27	1.0	14,531	3.63	528		12	57	-124	+.03	0	-3
01-26-65 1298197 4642054 5-71				55,91,93	61		14,842	3.58	531							
1477033 EVER MAY WARRIOR.....*		3	12	1-92	17	1.0	14,365	3.93	564		0	25	-203	+.05	-1	-6
10-03-64 1307195 5417685 5-71					28		15,328	3.79	581							
1477051 BUECKSLER APOLLYON JIM.....		1	11	1-41	11	1.1	13,857	3.87	536		9	19	-151	.00	-5	-8
11-15-64 1411228 3972886 5-71					11		14,755	3.92	578							
1477058 D TIOY BURKE CHAMPION.....*		3	6	2-43,47	12	1.2	14,605	3.62	529		8	27	-32	.00	-1	-2
04-12-64 1098656 5340635 5-71					64		14,817	3.65	541							
1477072 BAN-HARAM WONDER RAG APPLE....*		1	12	1-54	12	1.2	14,954	3.73	558		0	19	+84	-.01	+2	+4
01-29-65 1329588 5466814 5-71					40		14,586	3.78	551							
1477075 KILINSOALE FONO FRITZ.....	21-10	34	1	5-11,12,	38	1.1	15,575	3.69	574		15	65	-54	-.01	-3	-4
12-02-64 1243697 3969975 5-71				13,14,16	22		15,849	3.71	588							
1477094 BISHOP ELVIS GERRY.....*		3	7	1-13	14	1.6	16,221	3.63	589		0	31	+272	-.01	+9	+15
09-09-64 1303198 4882611 5-71					24		15,504	3.66	568							
1477121 U-T CONQUEROR FOBES.....*	61-02	10	2	1-63	16	1.1	15,809	3.37	533		6	42	+395	-.10	0	+10
12-24-64 1296729 5195736 5-71					31		14,958	3.60	539							
1477146 LONGHURST PRINCE ALBERT.....*		3	13	1-21	17	1.4	12,425	3.57	444		29	26	-519	-.04	-24	-33
11-22-64 1023059 5578720 5-71					9		14,521	3.77	548							
1477185 LINLAWN BURKGOV COUNT-TWIN....	35-75	34	1	10-21,35,	42	1.1	15,342	3.60	553		18	67	-39	-.06	-10	-9
11-06-64 1223243 4066023 5-71				41,91,93	43		15,564	3.70	576							
1477186 LINLAWN BURKGOV DUKE-TWIN.....	35-75	20	1	11-21,23,	23	1.3	16,162	3.50	565		16	55	+191	-.03	+2	+7
11-06-64 1223243 4066023 5-71				32,55,93	31		16,021	3.54	567							
1477191 FRAN-LAN GRANDIER PRINCE.....	35-75	20	1	10-21,32,	25	1.1	14,084	3.66	516		28	55	-821	+.04	-25	-42
02-01-65 1277619 4400413 5-71				35,42,93	82		15,770	3.62	571							
1477192 MAR-TESS DESIGN.....	41-01	43	1	2-41,45	52	1.2	15,060	3.85	580		10	72	+296	+.20	+39	+40
12-11-64 1243697 4868826 5-71					17		14,728	3.59	528							
1477208 LYMAN-FARM AAGGIE HOPE.....*		6	10	2-21,22	28	1.4	15,802	3.51	555		17	41	-171	-.05	-13	-15
09-27-64 1243697 4421654 5-71					27		16,476	3.63	598							
1477223 PINE ANGLE IVANHOE MARVEL.....*		1	12	1-35	12	1.3	13,704	4.26	584		8	20	-371	+.08	-3	-12
12-22-64 1424849 4265859 5-71					17		15,764	3.91	617							
1477230 HILLRUN GRAPHIC ANNETTE.....*		2	6	1-34	11	1.0	13,314	3.52	468		17	25	-140	.00	-5	-8
10-15-64 1320015 4581843 5-71					17		13,876	3.55	493							
1477247 TO-MAR CROSS FIRE.....*		1	11	1-42	11	1.2	11,593	3.91	453		0	19	-325	+.01	-10	-17
10-02-64 1378594 5058664 5-71					47		13,229	3.85	509							
1477250 E-Z ACRES PABST A CELEBRITY...*	21-10	48	1	3-13,21,	49	1.2	15,799	3.56	563		11	72	-16	.00	-1	-1
10-26-64 1171458 4756706 5-71				63	26		16,032	3.57	572							
1477266 FORSBERG SENATOR ORMSBY.....		2	21	1-48	23	1.2	13,738	3.62	498		12	24	+525	+.01	+20	+30
04-21-63 1367352 4715387 5-71					9		11,255	3.60	405							
1477271 SHUR-POLL SKY ALMA LAO.....		3	16	2-21,41	21	1.1	12,186	3.54	431		10	25	-415	+.03	-11	-20
04-23-64 1402764 5297961 1-71					13		13,818	3.45	477							
1477293 SHUR-POLL IRVINGTON BURKE P...*		2	10	1-41	12	1.4	15,878	3.67	583		8	23	+46	+.04	+7	+7
09-13-64 1436189 5579472 5-71					10		15,864	3.52	558							
1477300 SKOKIE SKY CHIEF.....	93-02	4	10	1-93	21	1.0	15,556	3.63	564		6	31	+27	+.03	+5	+5
01-22-65 1435720 4848629 5-71					252		15,637	3.52	551							
1477321 HIAWATHA LEON PONTIAC.....*		1	13	1-35	13	1.1	12,391	3.46	429		9	19	-70	-.02	-5	-6
09-26-64 1397752 4570166 5-71					15		12,625	3.61	456							
1477355 SALINE VALLEY LOPEZ CARLOS....*		2	9	1-48	12	1.0	12,887	3.17	409		27	22	-47	-.03	-6	-6
11-04-64 1255434 3909403 5-71					61		13,013	3.33	433							
1477358 VALLEE COTE BUR EMPEROR.....*		2	8	1-21	10	2.1	15,489	3.67	569		0	25	+48	.00	+2	+3
11-16-63 1140763 4579053 5-71					15		15,444	3.68	568							
1477381 UTAG IVANHOE ULTIMATE.....*	35-75	28	3	11-21,35,	46	1.0	17,339	3.64	632		7	64	+716	+.07	+36	+48
11-14-64 1189870 4745926 5-71				87,91,93	32		16,468	3.55	584							
1477398 RICHMAN MODEL CHARMER.....		2	9	1-31	11	1.4	12,397	3.78	468		9	22	-512	+.03	-15	-26
01-20-65 1357743 5483154 5-71					7		14,830	3.67	545							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% FAT	FAT	% 1ST LNC	% REPT	PREDICTED DIFFERENCES MILK	% FAT	FAT $$
1477433 WINTERMEN MONITOR DESIGN.....		3	7	1-21	19	1.1	14,354	3.48	500	21	34	+194	.00	+7 +11
08-20-64 1298378 5348309 9-70					32		13,759	3.45	475					
1477476 DAIRYFOLKS MADCAP ADMIRAL.....*		3	9	2-92,93	13	1.2	16,634	3.37	561	0	23	+558	-.06	+12 +24
01-09-65 1277619 5118792 5-71					35		14,271	3.58	511					
1477482 AURORA-W GINGER LARRY.....		1	12	1-91	12	1.5	16,310	3.89	635	9	21	+137	+.04	+11 +13
11-12-63 1258673 5166690 1-71					40		15,842	3.74	593					
1477530 SWAN VILLA SKY EMERY.....		1	11	1-45	11	1.1	11,494	3.88	446	18	19	-35	+.01	0 -1
09-02-64 1402764 4558685 5-71					22		11,439	3.86	442					
1477552 DUTCH-HILL DEAN SEGIS ROLLIE..*		2	8	1-21	10	1.3	18,523	3.65	677	30	21	+420	+.02	+18 +26
11-06-64 1085978 4269366 1-71					17		16,812	3.58	602					
1477577 ADOHR VICTOR MOE.....*		8	2	3-43,84,	14	1.1	16,218	3.66	593	14	37	-403	+.05	-8 -17
10-08-64 1274685 4345227 5-71				93	86		17,678	3.56	630					
1477615 ELI STEVE MAPLEWOOD.....		1	23	1-33	23	1.2	13,019	3.40	442	5	22	-258	.00	-9 -14
10-25-64 1379024 5071636 5-71					12		14,206	3.40	483					
1477633 GRAF ACRES FAY FAME.....*		1	19	1-34	19	1.1	15,866	3.73	592	0	21	+469	-.01	+15 +25
11-22-64 1407874 5062617 5-71					40		13,623	3.85	524					
1477640 GROEN FARM MASTER DUKE.....		1	18	1-34	18	1.2	14,885	3.91	582	0	22	+22	.00	+1 +1
02-04-65 1222994 4351536 5-71					24		14,877	3.93	584					
1477754 ARLINDA CHIEF ARISTOCRAT.....		1	12	1-93	12	1.0	18,558	3.49	648	0	19	+523	.00	+19 +29
01-28-65 1427381 5396492 5-71					134		15,949	3.46	552					
1477759 HOMESTEAD FARM REFL NOBLEMAN..		3	5	2-16,61	10	1.0	13,671	3.87	529	10	23	-95	+.06	+5 +2
11-26-64 1397466 3608413 5-71					15		14,100	3.62	510					
1477789 SKOKIE COMET SENSATION.....	61-02	12	1	2-32,34	13	1.0	15,355	3.59	552	18	39	-29	-.02	-4 -4
01-03-65 1280015 4574586 5-71					19		15,598	3.67	573					
1477806 OWEN IDEAL REFLECTO.....*		4	8	2-31,57	13	1.4	16,877	3.23	545	25	27	+413	-.09	+2 +12
07-24-64 1098656 5398031 5-71					21		15,479	3.50	542					
1477809 OWEN SIR ROSE.....*		3	15	3-31,33,	19	1.2	14,121	3.59	507	5	24	+138	-.02	+2 +5
07-11-64 991741 4327675 5-71				57	89		13,511	3.70	500					
1477877 LYTLE I A CHAMP.....*		1	10	1-23	10	1.1	14,576	3.59	524	10	18	+11	.00	0 0
01-14-65 1438534 5287255 5-71					29		14,577	3.67	535					
1477927 CORRECTION STARDUST KING.....*		2	20	2-35,64	22	1.5	12,620	3.70	467	7	25	+158	-.03	+2 +6
08-14-63 1411036 3801218 5-71					36		11,777	3.87	456					
1477947 APACHE TEXAL HIGHCROSS.....*		6	6	1-55	19	1.3	14,992	3.20	480	17	37	-128	-.15	-25 -24
10-12-64 1378594 4405506 5-71					16		15,496	3.59	557					
1477971 GENKO SPAN MEADOW FARM.....		1	11	1-21	11	1.5	14,916	3.26	486	0	20	-154	-.02	-8 -11
11-18-64 1239886 5702746 5-71					21		15,874	3.36	533					
1477973 LY-PH ROYAL PONTIAC.....*		1	13	1-35	13	1.1	17,410	3.58	623	8	19	+133	-.03	0 +3
10-17-64 1431771 5533508 5-71					12		17,032	3.76	641					
1477982 HICKORYMOOR ANDY IVANHOE.....		1	10	1-42	10	1.0	13,782	3.68	507	10	18	-111	.00	-4 -6
11-19-64 1302712 5624937 1-71					13		14,465	3.71	536					
1477999 COLL-MOR ADOHR DIX IDEAL.....*		4	7	1-48	12	1.0	15,394	3.63	559	20	24	+101	-.04	-2 +1
10-27-64 1260405 4961429 5-71					19		15,088	3.82	577					
1478003 WEINER FLYING CLOUD PAWNEE....*		2	8	1-35	10	1.8	14,760	3.60	531	0	23	-249	-.01	-10 -15
11-05-64 1397517 4553614 5-71					24		16,039	3.65	586					
1478009 PAST-VALLEY MISTY ANDY.....*		1	10	1-23	10	1.5	14,847	3.70	549	10	20	-9	.00	-1 -1
03-14-65 1316590 5145924 5-71					17		15,004	3.78	567					
1478014 DIAMOND J IVANHOE V I P.....*	91-11	78	5	19-21,35,	122	1.0	16,155	3.70	598	15	79	+657	+.04	+30 +42
11-29-64 1189870 5388292 5-71				42,48,93	48		15,475	3.66	566					
1478038 EL CANON ELATOR.....*	91-11	1	10	1-84	10	1.0	17,304	3.31	573	0	18	+460	-.04	+11 +21
12-04-64 1380371 5235763 5-71					14		14,792	3.46	512					
1478079 DAVISLAWN STYLE DEAN.....	35-75	25	2	14-21,35,	32	1.6	15,902	3.53	562	7	64	+197	-.04	+2 +7
08-20-64 1175471 4271670 5-71				41,55,93	87		15,778	3.58	565					
1478080 DAVISLAWN REMER DEAN TARZAN...	35-75	27	1	12-35,41,	34	1.4	15,255	3.62	552	6	64	-207	.00	-7 -11
09-13-64 1000390 3605693 5-71				42,91,93	57		15,760	3.63	572					
1478135 SKOKIE ASTRONAUT.....*		2	18	1-34	20	1.3	16,030	3.31	531	21	24	-95	-.10	-17 -17
07-17-64 1288610 4291078 1-71					21		16,708	3.69	616					
1478158 THONYMA DOUBLE SENATOR.....*		6	2	2-48,73	10	1.0	14,447	3.65	528	14	29	+73	+.01	+4 +5
08-21-64 1252985 5692913 5-71					15		14,227	3.63	516					
1478159 THONYMA ORMSBY ADMIRAL.....		3	8	1-48	15	1.3	12,721	3.66	465	36	29	-487	.00	-18 -28
07-30-64 1196645 5530925 5-71					16		14,429	3.70	534					
1478172 EXRANCO ALAMO.....	93-03	2	11	1-93	13	1.0	17,298	3.71	641	38	21	-31	+.02	+2 +1
01-27-65 1341529 5058744 5-71					199		17,841	3.62	646					
1478174 EXRANCO FOND REFLECTION.....	93-03	6	17	1-93	42	1.0	16,575	3.76	624	10	39	-182	+.11	+8 +2
02-25-65 010229512 5058741 5-71					174		17,390	3.53	614					
1478175 REFLECTION RADAR.....*		5	16	4-21,34,	23	1.4	13,415	3.52	472	14	29	-252	-.04	-14 -18
08-19-59 010242033 5310727 5-71				57,61	360		14,327	3.66	525					
1478202 FILCO GOLDEN SUNSHINE.....*		6	9	2-41,46	17	1.4	16,414	3.42	562	19	31	+359	-.01	+11 +18
12-08-64 1406271 5786577 5-71					19		15,391	3.42	527					
1478205 FILCO DARK SUNSHINE.....*		2	9	1-46	11	1.1	16,845	3.82	643	9	21	+319	-.02	+9 +16
02-18-65 1406271 4872463 5-71					16		15,437	3.95	610					
1478214 RAYLORE AMBASSADOR.....	35-75	22	1	9-34,41,	29	1.2	15,586	3.66	571	7	59	-101	+.03	0 -3
01-10-65 1154946 4312997 5-71				52,55,93	47		15,960	3.64	581					
1478257 HARVEY JASPER ALAN.....*		1	10	1-35	10	1.0	11,429	3.46	396	100	18	+11	-.01	-1 -1
01-25-65 1432807 4376635 1-71					17		11,080	3.56	394					
1478272 TEE-DEE WHIT DAGAN DANDY-TWIN.	21-10	22	1	2-13,21	22	1.3	17,446	3.61	629	9	55	+1,102	+.02	+43 +64
09-16-64 1223243 4941564 5-71					23		15,601	3.56	555					
1478273 TEE-DEE WIL DAGAN DAWSON-TWIN.	21-10	28	1	2-13,21	28	1.4	15,188	3.67	558	8	61	-52	+.06	+6 +4
09-16-64 1223243 4941564 5-71					21		15,423	3.59	554					
1478283 CAL-CLARK EXCLAMATION.....*	35-05	2	11	1-93	13	1.2	19,926	3.56	710	0	22	+598	.00	+21 +33
04-05-64 1378594 4403445 5-71					33		17,555	3.58	628					
1478294 BRIGEEN STYLEMASTER.....*		4	3	1-11	10	1.1	15,741	3.98	627	20	29	+18	+.07	+10 +9
11-10-64 010241954 5161125 5-71					29		15,871	3.80	603					
1478309 JADOT HARBORCREST FINALIST....*		1	19	1-31	19	1.8	11,572	3.30	382	5	25	-94	-.01	-5 -7
10-09-64 1406271 4872613 5-71					11		11,735	3.38	397					

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... OAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1478314 REGENT LORALEE.....		1	11	1-41	11	1.4	10,530	3.63	382		0	20	-226	+.02	-6	-11
11-04-64 1347065 4323867 5-71					6		11,416	3.57	408							
1478386 E-Z ACRES KORNOYKE CONQUEROR..*	55-01	5	8	1-55	38	1.1	17,751	3.64	646		19	48	+253	-.02	+6	+12
03-07-65 1296729 5502428 5-71					42		17,592	3.68	648							
1478398 GLOVERSTEAD BESSIE GINGER.....		1	11	1-35	11	1.5	12,542	4.16	522		20	20	-44	+.04	+4	+2
05-07-64 1258673 5201691 5-71					23		12,632	3.96	500							
1478416 EDROY ROYAL JOY REV.....		1	14	1-82	14	1.1	15,766	3.70	584		0	20	+26	-.01	0	+1
11-26-64 1372552 5074551 5-71					11		15,825	3.73	591							
1478474 Y PARK COMET CROWN.....*		4	9	2-73,74	14	1.5	12,618	3.49	440		15	27	-344	-.03	-17	-23
02-06-64 1405363 5113571 5-71					20		13,876	3.65	507							
1478480 OREGON BARON COMMANDER.....		1	23	1-91	23	1.0	18,112	3.29	595		4	21	+143	-.04	0	+4
03-01-65 1308796 3721037 5-71					87		17,830	3.43	612							
1478487 HEERSCHE SKYHAWK LEADER.....*		2	16	1-73	18	1.2	15,465	3.56	551		28	23	+86	-.01	+2	+4
11-20-64 1289574 5782389 5-71					48		15,214	3.60	547							
1478527 ERIC LE-BON ROBURKE MAC.....	35-75	14	2	8-32,35,	19	1.0	16,086	3.54	570		32	47	-172	-.01	-8	-11
04-18-65 1273756 4221963 5-71				52,57,93	58		16,733	3.58	599							
1478528 LON-NIE ORMSBY MAJOR.....*		1	10	1-48	10	1.8	14,697	4.22	620		20	21	-100	+.09	+9	+5
05-15-63 1271122 4555303 5-71					23		15,315	3.81	583							
1478545 BUTTERDAY RAINBOW SENATOR.....*		5	34	2-41,46	50	1.4	17,080	3.46	591		12	33	+156	+.02	+9	+12
07-17-64 1252985 5501076 5-71					19		16,899	3.37	570							
1478577 WILLARDS PERFECTION ALTON.....*		3	4	3-33,52,	11	1.0	15,565	3.64	567		0	28	+143	.00	+5	+8
01-26-65 1437507 3722415 5-71				74	139		15,181	3.66	555							
1478578 WILLARDS PERFECTION PETE.....*		9	3	4-35,52,	16	1.0	15,443	3.50	540		13	39	+20	-.02	-2	-1
02-27-65 1437507 5295240 5-71				64,74	45		15,553	3.56	554							
1478579 WILLARDS QUINTON.....		2	21	1-35	25	1.0	17,424	3.20	557		13	24	+499	-.10	+4	+16
02-28-65 1437507 3545758 5-71					20		15,482	3.51	543							
1478581 WILLARDS SOVEREIGN DIXIE.....		2	11	2-35,74	13	1.0	13,744	3.65	502		31	21	-198	+.05	0	-5
04-01-65 1366229 3986062 5-71					37		14,792	3.43	507							
1478587 HEMONDS PARAGON CHIEFTAIN.....*		3	5	1-11	10	1.3	14,039	4.02	564		25	25	-279	+.07	0	-7
09-04-64 1413083 4929372 5-71					32		15,294	3.75	574							
1478593 DOLVIC COMRE JETHRO.....	41-01	21	2	2-35,41	26	1.0	14,126	3.65	516		31	54	-354	+.01	-11	-18
11-25-64 1242338 5470814 5-71					34		14,880	3.65	543							
1478641 KIN-VALE BARON ACE.....*		1	34	1-52	34	1.1	13,465	3.54	477		33	23	+111	-.01	+2	+5
07-04-64 1308796 4555475 5-71					63		12,879	3.60	464							
1478659 CANAAN IVANHOE SUPREME.....*		2	10	1-57	13	1.2	12,024	3.64	438		0	24	-26	+.03	+3	+2
12-24-64 1373793 5111792 5-71					147		11,936	3.50	418							
1478682 HOLWYN KLONDIKE NOEL.....		1	23	1-31	23	1.5	13,255	3.85	510		30	24	-115	+.02	-2	-5
02-16-64 1315498 3424841 5-71					7		13,718	3.82	524							
1478715 PENSTATE SOVEREIGN BEST.....*		1	12	1-52	12	1.1	14,078	3.82	538		8	19	-112	-.01	-6	-8
12-26-64 1298831 3461643 5-71					49		14,753	3.95	583							
1478716 PENSTATE JOSEPH.....	35-03	16	1	2-35,64	19	1.0	14,911	3.83	571		5	47	-121	+.10	+9	+4
03-07-65 1046259 5164077 5-71					22		15,305	3.65	558							
1478733 QUINNLAND ANN LAVACRES PAT....	35-75	22	2	10-13,21,	28	1.0	16,876	3.60	607		14	57	+472	-.04	+11	+21
03-22-65 1291498 4381608 5-71				41,55,93	70		16,273	3.67	597							
1478738 LAVACRES BURKGOV BRUCE.....		3	14	1-93	21	1.0	17,198	3.59	617		0	26	+275	-.01	+8	+14
06-22-64 1038509 5577143 5-71					55		16,399	3.63	596							
1478739 LAVACRES OLYMPIAN.....	35-75	13	1	9-21,32,	16	1.0	15,879	3.43	545		19	43	+11	-.08	-11	-9
04-13-65 1282185 5461889 5-71				55,57,93	39		16,066	3.62	581							
1478775 AL-LO-WAYNE CITATION.....*		6	7	4-33,35,	15	1.2	12,900	3.50	451		7	30	-226	+.01	-7	-12
07-05-64 1492073 5404603 5-71				42,56	20		13,631	3.48	475							
1478809 INOIANA CAPTAIN ROSCO.....		1	28	1-32	28	2.1	12,975	3.48	451		19	27	+89	-.04	-2	+1
09-24-63 1144239 3564828 5-71					17		12,502	3.67	459							
1478868 THAYBEN MASTER CHARIOTEER.....*		2	13	1-11	16	1.0	14,679	3.67	538		0	23	+153	+.02	+8	+11
09-29-64 1254887 4899764 5-71					33		14,016	3.57	501							
1478904 MD POND VIEW TOM.....*		5	5	2-32,73	11	1.0	16,197	3.56	577		9	26	+312	+.03	+15	+21
01-02-65 1440198 5751043 5-71					18		15,113	3.46	523							
1478906 SARALYN SNOWBAL LAKEFIELD.....*		3	11	1-55	16	1.1	15,673	3.52	552		6	25	+445	-.01	+15	+24
03-16-65 1243697 5029790 5-71					22		13,887	3.54	492							
1478931 FAWSKI OX BOW BLACKY BOY-TWIN.		1	11	1-92	11	1.6	18,388	3.51	646		9	21	+431	-.01	+14	+23
12-28-63 1251271 4713271 1-71					9		16,621	3.54	588							
1478949 SANDHURST REJASON BOBBIE.....	21-10	33	1	2-13,21	33	1.0	16,046	3.66	587		13	62	+692	+.05	+32	+45
02-25-65 1112211 4851129 5-71					22		15,047	3.59	540							
1479023 MISTER BELLRINGER.....*		2	13	2-91,93	16	1.1	16,604	3.56	591		13	23	-27	+.01	0	-1
09-28-64 1447034 6069323 5-71					18		17,036	3.56	606							
1479030 HOOBIRK CALIBAN CYCLONE.....		3	12	1-32	16	1.1	14,143	3.63	514		6	24	+212	.00	+8	+12
05-28-64 1246183 5548349 9-70					7		13,177	3.61	476							
1479043 HECKSELS ROYAL KING-TWIN.....	35-75	20	1	11-21,41,	25	1.0	16,345	3.59	586		32	54	+598	.00	+22	+34
03-24-65 1278644 4834315 5-71				42,55,93	52		15,383	3.58	550							
1479059 WACHTEROALE SKOKIE SPOT.....*		1	18	1-41	18	2.0	13,262	3.67	487		11	25	+146	+.01	+7	+10
10-26-63 1199324 3846403 5-71					11		12,537	3.64	456							
1479066 ELMOKA JOE OTTO.....	35-21	14	1	1-35	14	1.0	14,253	3.73	531		21	41	-498	+.07	-9	-20
03-07-65 1106334 3858510 5-71					17		15,636	3.59	562							
1479097 BERN-ANN DUNLOGGIN PABST CROSS*		1	13	1-35	13	1.9	14,851	3.37	501		0	23	+113	-.03	0	+3
06-05-63 1244845 5343638 5-71					24		14,412	3.50	504							
1479127 WITMERS FOBES CREATION.....		1	13	1-42	13	1.0	14,740	3.85	567		15	19	-21	+.01	0	-1
12-09-64 1338046 4749748 5-71					15		14,958	3.86	577							
1479193 BECKSVIEW KING JOE JACK.....*		1	12	1-23	12	1.2	12,679	3.91	496		17	19	-23	.00	-1	-1
04-11-65 1426813 5322977 5-71					14		12,675	4.00	507							
1479230 MOOVILLE CONFIDEEN OUKE.....	35-75	27	1	10-21,23,	32	1.0	16,249	3.56	578		13	60	+428	-.04	+10	+19
04-10-65 1000390 4352257 5-71				41,55,93	57		15,717	3.61	568							
1479235 BREEZYCROFT GLEN CHEM.....*		2	12	1-21	14	1.5	17,828	3.43	611		7	24	+340	-.01	+11	+18
08-03-64 1275604 4706817 5-71					29		16,657	3.42	569							
1479240 EHRS IVAN LANA.....		1	13	1-47	13	1.0	13,424	3.81	511		31	19	-276	+.04	-5	-11
01-10-65 1416835 5554893 5-71					3		14,987	3.64	545							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF OAU /HO	STATES NO- WITH MOST OAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	% FAT	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1479250 PALM SKY P S C GALAXIE.....*		1	11	1-34	11	1.3	12,025	3.70	445	27	20	-282	-.01	-12	-17
04-26-64 1456037 5029025 9-70					11		13,426	3.81	512						
1479257 RAY-LOU DAGAN KISMET.....*	21-10	23	1	5-11,12,	24	1.0	17,002	3.51	597	13	55	+576	-.07	+11	+24
01-22-65 1223243 4112322 5-71				16,21,23	31		16,174	3.62	586						
1479265 SILVERLANE NOLA KING.....*		4	7	1-55	17	1.1	14,892	3.42	510	20	31	+188	.00	+7	+11
06-15-64 1244009 4963369 5-71					23		14,329	3.40	487						
1479284 MAPLE HEATHER ONWARD.....*	21-10	50	2	4-11,13,	80	1.5	15,734	3.69	580	14	80	+401	.00	+15	+23
09-16-63 010239301 011657873 5-71				14,16	25		15,374	3.69	568						
1479300 SAR-BEN SKY PRINCE.....	35-75	17	4	8-21,34,	27	1.3	16,746	3.59	602	24	51	+664	+.01	+25	+38
11-05-63 1239242 4907811 5-71				41,92,93	52		15,609	3.57	558						
1479322 CHURCH FARM ELEVATION DESIGN..*		4	12	1-43	22	1.1	11,967	3.61	432	0	30	+199	-.02	+4	+8
07-30-64 1271810 3831748 5-71					35		11,017	3.70	408						
1479329 SHUFARMS FOND JOEL.....*		3	6	1-21	11	1.3	16,714	3.41	570	10	25	+399	-.04	+8	+17
11-21-64 1243697 5201819 5-71					15		15,271	3.54	541						
1479347 JUTZ KING ADMIRAL BURKE.....	41-01	17	1	2-41,46	20	1.1	15,354	3.55	545	15	49	+151	.00	+5	+8
03-03-64 1237057 4703601 5-71					18		15,171	3.55	538						
1479360 RAYMAU CHIEF RULER.....*	23-13	24	3	4-13,22,	41	1.2	14,855	3.59	534	13	63	-28	-.06	-10	-9
10-16-64 1397517 5445730 5-71				23,41	23		15,007	3.70	556						
1479389 FOLLY-BROOK SKYLINER JACK.....		3	7	1-16	16	1.0	13,585	3.60	489	6	30	-294	.00	-11	-17
05-22-65 1244845 6061003 5-71					57		14,624	3.63	531						
1479405 PGF PROSPECTUS MASTER.....*		2	9	1-21	16	1.1	15,110	3.68	556	19	27	-81	+.02	0	-2
01-26-65 1094074 4752338 5-71					15		15,575	3.64	567						
1479407 BREWER FARM KIRBY.....		2	10	1-21	13	1.5	16,094	3.55	571	23	25	+69	-.01	+1	+3
12-09-64 1401385 5353729 5-71					33		16,023	3.58	574						
1479433 BDI ROXANNA RAOAR.....*	21-10	22	1	1-21	23	1.0	16,604	3.58	594	9	53	+430	.00	+16	+24
12-07-64 1298197 4669293 5-71					27		16,004	3.56	570						
1479447 LOCHEVALE LOUIE HOPE.....*		2	17	2-31,64	22	1.5	15,434	3.73	576	10	28	+190	+.02	+10	+13
11-05-63 1243697 4953936 5-71					41		14,835	3.65	542						
1479451 FALANO TONEY PIXIE ERIC-TWIN..	35-75	19	2	10-35,42,	26	1.1	15,201	3.74	568	19	55	-309	+.09	+1	-7
02-04-65 1273756 4571454 5-71				52,55,93	64		15,964	3.59	573						
1479452 LIME HOLLOW INSIGNIA GRANOIER.	35-75	25	1	11-23,35,	31	1.0	15,562	3.62	564	13	59	+12	-.02	-2	-1
05-05-65 1277619 5205592 5-71				55,91,93	65		15,720	3.66	576						
1479459 P-F BURKE VIOLET ZEUS.....*		3	13	3-43,71,	17	1.2	16,159	3.46	559	59	24	+151	-.03	+1	+5
10-05-64 1283917 4396039 5-71				72	32		15,712	3.56	559						
1479511 NURSERY VIEW PHILL OEAN.....*		1	14	1-21	14	2.1	13,538	3.70	501	0	24	-185	.00	-7	-11
09-20-63 1272013 5175651 5-71					11		14,353	3.73	536						
1479540 BIG GREEN WARRIOR.....*	21-10	36	1	4-13,14,	37	1.2	15,039	3.73	561	17	67	-211	+.11	+7	0
10-19-64 1235822 4539824 5-71				16,21	23		15,515	3.58	555						
1479547 F D F REFLECTION PAT.....*		9	14	3-16,21,	34	1.5	16,334	3.73	609	4	40	+623	.00	+23	+35
10-20-62 010278184 011251287 5-71				52	19		14,883	3.74	557						
1479549 VALLA VISTA KING PIEBE.....*	35-05	14	2	2-35,72	22	1.0	14,342	3.72	533	18	48	+98	+.02	+7	+8
03-12-65 1371268 3693547 5-71					16		14,160	3.67	519						
1479560 CATOCTIN VIEW LEADER BARON....*		1	10	1-51	10	1.0	13,847	3.73	517	10	18	+104	.00	+4	+6
12-14-64 1268164 4684962 1-71					32		13,184	3.73	492						
1479583 HY-SEEN LORRY VALOR.....		1	18	1-42	18	1.2	14,190	3.77	535	27	22	-55	+.01	0	-1
12-10-63 1392400 5296068 5-71					7		14,503	3.75	544						
1479593 DUNGA BROOK ORMSBY SEVAN.....*	21-10	36	1	1-21	37	1.0	17,013	3.46	589	8	65	+767	-.07	+18	+35
01-17-65 1085978 4518587 5-71					26		16,043	3.53	567						
1479609 BOTTHAVEN PERSEUS MONARCH.....*		1	13	1-34	13	1.0	18,534	3.35	620	15	19	+486	-.10	+3	+15
12-29-64 010260599 5222748 5-71					32		16,203	3.78	613						
1479629 SHETLARS IDEAL PONTIAC OOLLY..		2	14	1-73	18	1.1	14,044	3.68	517	31	24	-47	+.02	+1	0
05-24-64 1404814 5258612 5-71					12		14,279	3.61	515						
1479648 LONGSWAMP OELLA KING.....*		1	16	1-32	16	1.3	12,507	3.78	473	13	22	-520	+.04	-13	-24
09-06-64 1388212 3832676 5-71					8		15,041	3.61	543						
1479653 CYPRESS LANE VILCROSS.....		1	13	1-93	13	1.0	14,465	3.30	477	0	19	-231	-.03	-12	-16
02-18-64 1423201 4259303 5-71					54		15,879	3.48	553						
1479713 CANYAN-VIEW BENEFACTOR JIM....		1	20	1-87	20	1.0	14,399	3.13	450	21	21	+15	-.06	-8	-6
02-05-65 1447308 5142992 5-71					26		14,367	3.41	490						
1479723 MIOLANE GEM MARK.....*		1	20	1-35	20	1.1	14,991	4.04	605	11	21	+408	.00	+15	+23
12-24-64 1305813 4814929 5-71					31		12,957	4.13	535						
1479726 ROCBY PRINCE ANITA EARL-TWIN..		1	14	1-52	14	1.1	16,272	3.77	614	0	20	-22	+.04	+5	+4
01-13-65 1263152 4960608 5-71					19		16,658	3.58	597						
1479734 BLAIN VIEW ROXANNA OUKE.....	35-75	10	2	8-21,23,	12	1.0	16,998	3.47	589	0	36	+762	-.06	+19	+36
04-21-65 1298197 4646032 5-71				32,52,55	33		14,973	3.61	541						
1479752 MAPLE SLOPE AOONIS.....*	21-10	23	1	2-13,21	25	1.1	15,679	3.44	540	21	56	+206	-.09	-5	+1
11-24-64 1171458 5126017 5-71					23		15,461	3.60	557						
1479764 SCHUVILLE LACE GLAMOUR LT.....*		1	30	1-33	30	1.2	14,955	3.84	574	17	23	+8	.00	0	0
05-02-64 1282185 4594719 5-71					24		15,031	3.90	586						
1479773 SHURLAKE GLADDY ADMIRAL MARK..*		2	13	1-11	15	1.0	13,603	3.96	539	43	21	-354	+.04	-7	-15
03-09-65 1308429 4982272 5-71					19		15,427	3.79	585						
1479801 HI-BY GRAPHIC DESIGN.....*		1	10	1-34	10	1.8	14,741	3.69	544	0	21	-49	+.01	0	-1
12-20-64 1320015 5189251 5-71					37		15,088	3.68	555						
1479812 STILLWELL DOT COMBINE.....*		1	24	1-33	24	1.3	13,577	3.79	515	25	23	-318	.00	-12	-18
08-05-64 1421128 5352397 5-71					9		15,093	3.84	580						
1479823 MILK & HONEY INDUSTRIOUS.....*	61-02	90	2	2-32,34	128	1.3	14,936	3.62	541	16	86	+209	+.01	+9	+13
10-24-64 1189870 5132543 5-71					16		14,777	3.61	533						
1479824 MILK & HONEY REFLECT DAGANHOE.	48-01	59	3	2-48,73	108	1.0	15,075	3.64	549	13	81	+404	+.09	+27	+33
04-12-65 1223243 5472234 5-71					25		14,647	3.53	517						
1479837 MOUNDVALE REFLECTION R.....*		2	6	1-63	12	1.0	14,757	3.45	509	17	26	-109	-.01	-5	-7
11-03-64 1492073 4793703 5-71					9		15,327	3.50	537						
1479870 ORF SKOKIE STAR.....		1	21	1-73	21	1.2	13,712	3.41	468	25	22	-152	+.03	-2	-6
01-25-65 1288610 5011688 5-71					6		14,457	3.30	477						
1479896 JOLIAM ROYAL MASTER.....*		4	7	2-33,35	17	1.1	14,617	3.65	533	12	32	-617	-.01	-24	-36
10-25-64 1305460 4362286 5-71					15		16,845	3.70	623						

REGISTRATION NUMBER NAME DF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1479933 IDA-ROYAL MODEL FD8ES.....*		1	10	1-82	10	1.5	12,315	3.69	454	0	20	-323	.00	-11	-18
07-23-63 1216668 3851328 5-71					27		13,932	3.70	515						
1479975 MDUND VIEW PRINCE MAJDRITY....*		1	10	1-35	10	1.3	11,861	3.66	434	30	19	-179	.00	-6	-10
12-17-64 1383004 5257229 5-71					18		12,679	3.68	467						
1479993 SHDRELEA PERCEPTOR.....*		1	15	1-64	15	1.1	15,315	3.24	496	7	20	+298	-.04	+5	+12
11-14-64 010247186 011183716 5-71					17		13,838	3.40	470						
1480026 8UTLERVIEW PETE.....		1	14	1-33	14	1.5	12,893	3.70	477	7	22	+199	-.01	+6	+10
07-10-64 1427855 5371166 5-71					14		11,761	3.78	444						
1480027 8UTLERVIEW SENATOR PRINCE.....*		4	4	2-33,51	12	1.3	15,074	3.66	551	8	31	+22	-.04	-5	-4
09-06-64 1252985 4298346 5-71					100		15,123	3.81	576						
1480028 WOODSIDE FARM SAMY 8ELLE.....*		1	10	1-21	10	1.5	17,193	3.07	528	22	20	+100	-.05	-3	0
07-21-64 1085978 5172563 5-71					59		16,997	3.25	552						
1480032 FOHON SKYWAY CHAMPION IKE.....*		3	8	2-41,42	11	1.1	15,434	3.20	494	36	22	+228	-.10	-6	+1
07-03-64 1431992 3259554 5-71					17		14,469	3.64	526						
1480046 HULONG ADMIRAL M JDSEPH-TWIN..*		1	14	1-34	14	1.3	15,284	3.40	519	0	21	+89	-.02	0	+2
12-25-64 1237057 5395738 5-71					18		14,958	3.52	527						
1480053 CD8LESKILL DAGEN MERRY CHIEF..*		1	10	1-21	10	1.0	13,663	3.66	500	10	18	-77	+.01	-1	-3
01-02-65 1223243 4093359 1-71					65		14,124	3.61	510						
1480060 SKDKIE GOLDEN NUGGET.....	35-21	17	1	3-34,35,	17	1.1	16,070	3.33	535	20	46	+196	-.13	-11	-4
04-20-65 1215448 4957770 5-71				41	20		15,836	3.59	568						
1480068 HY-NIC-HOL ADMIRAL SOVEREIGN..		1	15	1-33	15	1.4	14,848	3.64	541	13	22	+6	+.01	+1	+1
01-12-64 1431720 4742355 5-71					15		14,919	3.62	540						
1480133 8EAU MEDALLION ACHILLES LAD...*		5	6	2-57,58	15	1.4	16,703	3.20	535	7	33	+379	.00	+13	+21
08-07-64 1384256 6004737 5-71					47		15,725	3.15	496						
1480160 WASIOJA 8URKE MARTY.....		1	31	1-41	31	1.5	11,811	4.00	473	35	25	-314	+.03	-7	-14
07-11-63 1372052 5341603 5-71					29		13,004	3.91	508						
1480174 ARLINDA CHIEF JUPITER.....*	35-75	2	7	1-93	11	1.0	19,015	3.87	736	18	23	+519	+.06	+28	+37
03-09-65 1427381 3827015 5-71					49		17,081	3.68	628						
1480185 GRAY VIEW X CONFIDENT.....	61-02	143	4	4-16,51,	288	1.0	13,657	3.82	522	17	91	-1,085	+.23	-10	-36
04-09-65 1378594 4847071 1-71				52,55	26		14,951	3.59	537						
1480267 SHELAND CHARMSDN GENE.....		2	19	2-21,23	21	1.1	17,830	3.60	641	5	23	+389	-.01	+13	+21
02-09-65 1278644 4309698 5-71					23		16,350	3.63	594						
1480268 MAGS8Y FERN TEDDIE.....	35-75	24	2	13-23,35,	32	1.0	14,749	3.63	535	3	60	-193	+.04	-2	-7
03-01-65 1010936 4461894 5-71				52,55,93	53		15,199	3.58	544						
1480309 RASUM CHAMPION VICTOR.....*		5	7	3-32,35,	15	1.3	13,301	3.85	512	7	30	-85	+.05	+4	+1
07-08-64 1406300 4844139 1-71				71	19		13,544	3.68	499						
1480365 HUFFMAN MERCEDES ELMDKA JOE...*	35-05	10	2	2-35,42	15	1.0	13,905	3.73	519	40	40	-221	.00	-8	-12
03-21-65 1160334 5752937 5-71					20		14,521	3.76	546						
1480370 FOHON CHAM8RIC DOU8LE EAGLE...		1	33	1-41	33	1.6	15,537	3.40	529	6	25	+157	-.07	-4	+1
12-18-63 1276654 4419506 5-71					13		15,026	3.67	552						
1480397 CALMEY SENSATION.....*		3	5	1-33	11	1.0	16,233	3.60	585	9	26	+373	-.02	+10	+18
07-01-64 1252985 5345444 5-71					11		14,894	3.71	552						
1480428 RIVERSTEAD PETE.....*		1	23	1-35	23	1.3	14,267	3.67	523	9	23	-243	+.01	-8	-13
11-14-64 1331314 5030713 5-71					9		15,497	3.68	570						
1480444 WIS8EE IKE CAREY.....*		11	3	2-21,22	20	1.1	11,816	3.76	444	47	43	-1,050	+.09	-26	-49
12-04-64 1378594 5190938 5-71					13		14,284	3.55	507						
1480465 WHITILL ROYAL CHRISTOPHER.....*		4	5	3-33,57,	11	1.5	13,347	3.57	477	13	28	-300	-.03	-15	-20
12-24-63 1397617 4663692 5-71				93	64		14,457	3.72	538						
1480483 MAYTIME 8UTTER 8DY.....		1	15	1-41	15	1.3	12,110	3.72	450	7	21	-183	+.05	0	-5
03-18-64 1409347 4917286 5-71					2		12,879	3.46	446						
1480485 8RAINTRIM FOND DAVID.....*		3	6	1-23	12	1.0	14,455	3.66	529	0	27	-489	+.01	-16	-26
01-10-65 1243697 4782748 5-71					23		16,567	3.63	602						
1480498 ELLENVALE PRINCE EXTRA DELLA..		1	11	1-41	11	1.1	15,999	3.58	572	27	19	+99	+.06	+12	+13
03-16-65 1277213 5021454 5-71					5		15,638	3.25	508						
1480525 WMJ TIDY 8URKE FRED.....		2	7	1-32	13	1.4	16,059	3.51	564	0	27	+334	-.05	+5	+13
11-04-64 1235097 4743881 5-71					17		14,934	3.68	550						
1480536 DON AUGUR IDEAL ROYAL KING....*		2	26	2-35,74	31	1.5	15,738	3.34	525	20	28	+210	-.06	-1	+5
05-19-64 1343126 5767653 5-71					11		15,096	3.54	535						
1480542 HAVEN LANE PRIDE SUCCESS.....*		1	12	1-51	12	1.3	16,428	3.69	607	17	20	+7	+.01	+1	+1
11-23-64 1237057 4925435 5-71					26		16,665	3.68	614						
1480564 VIEW KNOLL SKOKIE DUKE.....*		1	57	1-42	57	1.1	11,346	3.66	415	28	24	-222	-.02	-11	-15
11-20-64 1288610 5346250 5-71					29		12,077	3.80	459						
1480596 AIRYTOP SIR SEELEY VALET.....*	21-10	43	1	2-13,21	47	1.0	16,330	3.36	548	11	70	+414	-.13	-4	+7
04-01-65 1245520 3304894 5-71					26		15,937	3.52	561						
1480608 EE-DAH-HOW GRAND SPARKLER.....*	35-05	21	3	5-33,35,	40	1.3	13,898	3.71	516	13	64	-322	.00	-11	-17
09-09-64 1277619 5053789 5-71				41,82,91	19		14,453	3.73	539						
1480644 DETERT MASTERPIECE.....	35-75	22	2	8-21,55,	30	1.0	16,672	3.72	621	17	58	+492	+.08	+29	+37
05-06-65 967873 4306450 5-71				57,82,93	47		16,032	3.61	578						
1480729 STILLWELL ANN NEW YEAR.....*		3	11	2-33,72	16	1.0	13,038	3.82	498	13	25	-472	+.04	-12	-22
01-01-65 1293580 3742654 5-71					20		15,074	3.70	558						
1480759 E8YHDLME SUPREME COMET.....*		14	1	3-32,35,	16	1.5	13,607	3.51	477	17	47	-375	-.06	-21	-27
01-12-64 01C281953 010864400 5-71				61	14		14,458	3.63	525						
1480760 8RIGEEN RE8EL.....*		4	4	1-32	12	1.4	15,094	3.62	546	0	33	+414	-.03	+10	+19
09-10-64 1397517 5358042 5-71					15		13,837	3.73	516						
1480772 PACLAMAR 8 E JULES.....*		2	14	1-48	16	1.4	15,486	3.87	600	25	23	-152	+.03	-1	-5
02-23-65 1417390 4481083 5-71					16		16,384	3.79	621						
1480816 SILVER VILLA LUCKY SPICE.....		5	6	1-48	12	1.2	14,277	3.63	518	73	27	+6	-.02	-2	-2
11-28-63 1334345 4584103 5-71					21		14,291	3.71	530						
1480826 CHINO 8ESS EX JACK.....		1	14	1-93	14	1.0	18,589	3.24	602	0	19	+202	-.02	+4	+9
05-26-64 1294552 4932672 5-71					126		17,942	3.29	590						
1480829 EUREKA RD8URKE LAIRD.....	61-02	16	1	2-23,31	18	1.0	15,673	3.62	567	11	47	+134	-.03	0	+3
06-06-65 1035164 4632160 5-71					27		15,545	3.70	575						
1480840 CRESTON TORNADO.....*		1	15	1-34	15	1.1	14,730	3.96	584	10	20	+110	+.04	+10	+11
04-11-65 010233528 3590066 5-71					20		14,207	3.78	537						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1480850 ADOHR VICTOR PABST BEAUTIMAN..*		1	16	1-93	16	1.0	18,636	3.63	676		31	20	-25	-.01	-2	-2
12-06-64 1274685 5256258 5-71					141		19,300	3.70	714							
1480855 SPRINGCROFT ACCENT.....*		3	8	1-23	11	1.4	19,222	3.58	689		0	24	+676	-.06	+16	+31
12-09-64 1378594 4280538 5-71					22		16,666	3.82	637							
1480862 JIMBODAV SHI MP.....		7	9	1-34	29	1.1	15,085	3.59	542		9	40	-79	+.04	+3	0
01-01-65 1087974 5470047 5-71					12		15,433	3.48	537							
1480864 CRIOLE HOME OLIVER MAPLE LANCE*		2	20	1-35	22	2.0	17,027	3.97	676		5	27	+339	+.06	+21	+26
07-17-63 1420413 5097929 5-71					24		15,981	3.81	609							
1480903 ELEVATION TIDY VICTORY R A....*		9	3	3-43,47,	19	1.0	14,156	3.89	551		11	42	-131	+.11	+10	+5
03-09-65 1271810 4160528 5-71				84	43		14,529	3.65	530							
1480976 ELLINGSWORTH SEN STATESMAN....		2	11	1-32	14	1.0	15,632	3.45	539		0	23	-16	+.01	+1	0
02-23-65 1252985 4054825 5-71					15		15,902	3.38	537							
1480979 S & S PONTICA KINDILK PRINCE..*		2	12	2-32,33	14	1.6	14,304	3.49	499		18	24	+28	.00	+1	+2
07-02-64 1447885 4710211 5-71					68		14,217	3.47	493							
1480989 ARBUR ORMSBY MARK.....	35-75	24	1	12-21,41,	27	1.0	17,389	3.58	622		19	57	+1,010	.00	+37	+57
02-24-65 1222994 4861238 5-71				52,91,93	47		15,792	3.56	562							
1481013 CASH-MAR JERRY MAX.....*		2	11	1-52	13	1.2	12,925	3.74	484		9	22	-221	+.01	-7	-12
01-10-64 1382768 4972513 5-71					50		13,936	3.77	525							
1481033 MAUR-MAR ADMIRAL CRUSADER.....*		1	10	1-35	10	1.2	12,490	3.60	450		0	19	-190	-.01	-8	-12
01-03-65 1237057 5229015 5-71					18		13,471	3.69	497							
1481039 ELK-KREST REROYAL KNIGHT.....	35-75	13	1	10-23,32,	14	1.0	14,963	3.72	556		0	41	-230	+.05	-2	-8
03-06-65 1192713 4776467 5-71				52,57,91	45		15,706	3.64	571							
1481067 BEN IVANHOE LAURA EMPEROR.....		1	10	1-42	10	1.1	14,240	3.68	524		20	18	-186	+.03	-3	-7
09-02-64 1428809 5593378 5-71					15		15,415	3.56	549							
1481099 HAROLANE ALLIANCE MONTE.....		2	18	1-41	27	1.2	12,358	3.56	440		10	30	-236	.00	-9	-14
07-13-64 1417208 5188986 5-71					11		13,073	3.61	472							
1481145 SUNNYDECK DIVIDEND BONANZA....*		3	9	1-91	13	1.0	13,795	3.56	491		8	23	-53	+.02	+1	-1
06-16-65 1428349 4347759 5-71					36		14,046	3.47	487							
1481153 M JAYBEE ARGYLE HOMESTEAD.....*		1	16	1-93	16	1.8	17,238	3.53	609		0	24	-18	-.02	-4	-4
09-02-63 1324830 4385960 5-71					123		17,695	3.65	645							
1481158 JO CLEARCREEK R A.....*	23-11	108	2	4-21,22,	172	1.2	13,507	3.80	513		28	89	-1,459	+.09	-42	-73
08-14-64 010252803 011169120 5-71				23,52	23		15,283	3.72	568							
1481166 RICH-HERD TEXAL RJ MAINSPOKE..*		1	15	1-93	15	1.0	17,983	3.84	690		0	20	-76	+.03	+2	0
10-21-64 1292776 5355851 5-71					147		18,869	3.70	698							
1481177 FINEVIEW DAGAN DARGO.....	21-10	28	1	1-21	32	1.0	15,440	3.61	557		19	61	-288	+.03	-6	-12
05-18-65 1223243 4392670 5-71					31		16,135	3.56	575							
1481206 MIDEE WHIRLWIND MARK.....		1	17	1-93	17	1.4	16,059	3.46	556		0	22	-25	-.01	-2	-2
01-27-64 1221226 5146589 5-71					23		16,428	3.52	578							
1481276 ULIKA ADMIRAL PABST PRINCE....		1	13	1-32	13	1.5	14,909	3.62	539		0	22	-99	+.02	-1	-3
10-09-64 1237057 5309571 5-71					3		15,533	3.57	555							
1481283 HANSELS CRISSCROSS ROMAN.....*		3	11	1-23	15	1.1	12,894	3.78	487		33	23	-47	+.03	+3	+1
11-27-64 1378594 6026905 5-71					13		13,005	3.64	473							
1481287 SANHILL ROYAL CHAMBRIC.....*	35-75	5	7	1-32	18	1.2	17,690	3.58	633		0	35	+660	-.03	+20	+34
01-10-65 1276654 4818935 5-71					18		15,999	3.64	583							
1481305 MAKEMOR BUENA VISTA GOVERNOR..*		2	9	1-50	11	1.6	12,708	3.69	469		9	23	-215	-.01	-9	-13
12-02-64 1268294 5363399 5-71					24		13,625	3.76	512							
1481308 CAERNARVON A CHARMER.....*		2	8	2-22,23	11	1.1	13,563	3.64	494		11	22	-222	-.01	-9	-13
10-11-64 1412433 5858156 1-71					48		14,635	3.72	544							
1481341 TEERS DANDY KING FOBES.....*		2	5	1-55	10	1.0	16,813	3.69	621		30	24	-16	-.01	-2	-2
05-19-65 1077788 5297482 1-71					30		17,209	3.77	649							
1481360 WALMOORE PRINCE ARNOLD.....*		2	17	1-23	21	1.0	13,216	3.87	511		19	24	-512	.00	-19	-29
01-30-65 1215402 3389700 5-71					34		15,549	3.88	604							
1481366 WALKER FARM PIEBE FOREMOST....	21-10	27	1	6-11,13,	29	1.0	17,030	3.52	600		17	59	+710	-.08	+14	+30
05-12-65 1348259 4609485 5-71				14,16,21	21		16,031	3.64	584							
1481393 REFLECTION HYWAY SOVEREIGN....*		2	10	1-34	16	1.3	15,221	3.75	571		8	27	+334	+.02	+15	+21
03-22-64 010229512 011670495 5-71					6		13,992	3.69	516							
1481395 ALVERE SHIEK PAT.....*		1	10	1-52	10	1.0	14,610	3.34	488		10	18	+20	-.02	-2	-1
07-11-64 1291498 5006653 9-70					29		14,557	3.46	503							
1481432 WULLIMAN TIDY BURKE ASSET.....*		1	16	1-32	16	1.0	12,050	3.63	438		13	20	-588	.00	-21	-33
01-14-65 1283917 5804630 5-71					14		15,131	3.64	551							
1481441 MILLERHURST LUCROSS.....*		2	8	1-21	11	1.6	17,621	3.77	665		0	25	+63	.00	+2	+3
09-11-64 1423201 4853992 5-71					53		17,752	3.79	672							
1481460 IDEOGRAPH ROBURKE UNIFORUM....		2	18	1-93	30	1.1	17,712	3.42	606		12	30	+139	+.01	+6	+9
09-29-63 1358623 3484942 5-71					112		17,619	3.38	596							
1481472 AGHALOMA EARL ATC.....*		3	9	1-11	20	1.1	17,070	3.88	663		5	31	+391	+.08	+26	+32
11-25-64 1402086 4748110 1-71					26		16,028	3.67	589							
1481478 HUDOT WALDORF KING CLAYBOY....		2	15	1-57	17	1.6	12,889	3.82	492		6	25	-231	+.02	-6	-11
10-01-63 1284716 4744251 5-71					13		13,822	3.78	523							
1481480 ARDEAN REVELATION MASTER.....*		2	8	1-41	11	1.6	11,546	3.65	421		9	25	-534	-.01	-21	-31
09-11-64 1427872 5453398 5-71					14		13,646	3.74	510							
1481500 JOINUS MAPLE OLIVER KING.....*		2	10	1-35	12	1.1	16,008	3.39	542		8	21	+107	-.03	0	+3
11-27-64 1420413 5048635 5-71					14		15,665	3.53	553							
1481504 NO-CREEK ZIMMERMAN VICTOR.....*		2	8	1-61	10	1.2	12,645	3.57	451		0	21	+9	.00	+1	+1
06-15-64 1440571 5569697 5-71					12		12,454	3.54	441							
1481515 HICKORYRILL ADAPTER.....	21-10	29	1	2-13,21	30	1.0	14,685	3.64	535		17	60	-227	+.06	0	-6
03-10-65 1171458 5077994 5-71					25		15,191	3.55	539							
1481540 GREEN-MEADOW IVANHOE.....*	35-21	4	71	4-21,34,	77	1.3	13,897	3.68	512		1	27	-96	+.01	-2	-4
10-23-64 1189870 5258918 5-71				48,61	429		14,293	3.67	525							
1481605 JEM-ACRES ALLEN SAM.....		2	30	1-32	35	1.5	11,578	3.88	449		16	28	-170	+.03	-2	-6
04-02-64 1429580 5545624 5-71					4		11,993	3.78	453							
1481709 AT&S GORGEOUS GEORGE.....		1	20	1-35	20	1.4	14,196	3.64	517		17	23	-613	-.01	-23	-35
10-07-64 1284364 5218596 5-71					12		17,205	3.69	635							
1481752 LEDGEHOLM NAN SKY KING.....		3	4	1-13	10	1.5	16,250	3.83	622		10	28	-119	+.06	+4	0
07-25-64 1244845 4629442 1-71					40		16,977	3.64	618							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	% REPT	PREDICTED DIFFERENCES MILK	%	FAT	$$
1481789 EARLYWAY CHRISTY ROEBUCK ECHO.*		6	3	2-71,73	12	1.2	14,508	3.43	497	9	33	+282	-.03	+6	+12
03-28-65 1404688 4574736 5-71					14		13,607	3.49	475						
1481810 HOODS CHERRY HILL BOMAC.....*		3	8	2-11,14	11	1.0	16,588	3.47	575	45	22	+370	-.02	+10	+18
01-06-65 1272863 4316209 5-71					18		15,005	3.54	531						
1481848 WILLOW MAPLE DECORATION GEORGE*		3	7	1-23	13	1.2	13,506	3.62	489	33	27	-17	.00	-1	-1
02-22-65 1317850 5027505 5-71					39		13,532	3.65	494						
1481849 R & L LOPEZ STELLA RINGO.....*		2	5	1-48	10	1.4	13,503	3.38	456	22	26	-227	-.05	-15	-18
07-26-64 1255434 4899231 5-71					10		14,431	3.59	518						
1481865 JEPSON KNIGHT DUKE PAT.....*		3	6	2-33,64	11	1.0	13,336	3.64	486	9	24	-100	.00	-4	-6
04-09-65 1242221 4898348 5-71					72		13,744	3.69	507						
1481894 BILJEAN MASTER PAT.....*		1	13	1-35	13	1.1	17,381	3.63	631	0	19	+334	-.04	+6	+14
03-04-65 1291498 5328903 5-71					15		15,851	3.87	613						
1481973 KINGSTEAD FOND HOPE.....*	35-05	2	15	2-51,55	17	1.0	18,668	3.78	705	7	22	+338	+.01	+13	+20
02-24-65 1243697 5163305 5-71					41		17,452	3.78	660						
1481989 RICH-HERD MARLESS.....*	33-03	125	2	29-21,23,	167	1.0	14,885	3.65	544	18	88	-453	+.04	-11	-21
05-11-65 1459996 4670990 5-71				31,35,82	25		15,563	3.62	564						
1482017 CASS RIDGE ROCKET.....*		3	9	1-23	13	1.5	13,208	3.99	527	0	26	-223	+.07	+2	-4
08-08-64 1404825 4799752 5-71					17		14,101	3.68	519						
1482026 PAGEAIRE CITATION 8.....*		2	10	1-23	13	1.0	13,980	4.04	565	0	22	-100	+.05	+3	0
01-11-65 1492073 5713078 5-71					24		14,489	3.83	555						
1482041 FOREMNY SUPREME.....*		1	13	1-21	13	1.0	15,941	3.46	552	14	19	+166	-.01	+4	+8
02-24-64 1244845 5114669 5-71					11		15,191	3.50	532						
1482073 GILLBROOK FOND BURKE-TWIN.....*		5	5	1-23	11	1.1	13,147	3.83	503	55	27	-325	+.05	-5	-13
05-16-65 1243697 4115195 5-71					22		14,421	3.67	529						
1482083 GREENISH JULIAN BIG BOY.....		1	10	1-43	10	1.0	14,167	3.07	435	0	18	+256	-.02	+6	+12
06-05-65 1292776 4863968 5-71					17		12,584	3.11	391						
1482114 KLEVER SUN DIAL.....*		14	7	4-21,31,	44	1.2	15,295	3.73	570	22	55	+132	+.04	+10	+12
12-15-64 1406271 4061463 5-71				32,34	21		15,176	3.68	558						
1482115 BROWNDALE REFLECTION RADAR....*		20	5	3-21,23,	53	1.2	13,825	3.44	475	24	63	-707	-.07	-35	-47
11-01-63 010242033 010967925 5-71				34	27		15,056	3.55	535						
1482118 TOTERA VINTON.....*		5	3	3-34,52,	10	1.0	14,505	3.79	550	38	28	-80	+.03	+1	-1
06-13-65 1244845 4602919 5-71				54	17		14,886	3.71	552						
1482125 MARQUART ROYALTY.....		1	14	1-35	14	1.4	15,154	3.33	505	15	21	+144	-.07	-4	0
10-11-64 1397752 4841813 5-71					12		14,529	3.68	534						
1482128 BROWNVALLEY FORES PAT PRIDE...*		4	15	2-23,51	20	1.0	13,994	3.73	522	11	25	-107	-.02	-7	-9
03-04-65 1157986 4899320 5-71					24		14,478	3.86	559						
1482166 DIAMOND J DUSTY EMPIRE.....	91-13	21	5	3-91,92,	44	1.1	16,451	3.60	592	18	58	+483	-.03	+13	+23
03-30-65 1205185 4975476 5-71				93	47		15,811	3.65	577						
1482189 COLLINS-CREST PERFECTION LUKE.	21-10	44	1	3-13,21,	46	1.3	16,446	3.53	581	16	72	+750	-.03	+22	+38
09-12-64 1307195 4004934 5-71				23	23		15,562	3.57	555						
1482196 OKLASTAPEN HOPE SIR POLKADOT..*		2	12	2-48,73	14	1.1	16,283	3.28	534	8	22	+307	-.08	0	+8
01-02-65 1403074 4981491 5-71					49		14,973	3.63	543						
1482198 MILKY-DELL STYLEMASTER ROYAL..	35-75	15	1	9-21,35,	17	1.0	17,614	3.67	646	12	45	+962	+.04	+40	+58
07-05-65 1175471 5043237 5-71				55,91,93	38		15,656	3.60	564						
1482213 ADOHR TIOY LUNDON.....*		2	18	1-93	20	1.0	13,193	3.84	507	5	22	-426	+.07	-6	-16
02-10-65 1439549 5170191 5-71					302		15,255	3.57	545						
1482255 JU-AL SUPREME JAY.....		1	18	1-56	18	1.3	16,473	3.50	577	6	22	+263	-.04	+4	+10
09-20-64 1341149 4888794 5-71					30		15,422	3.65	563						
1482274 FULTONWAY JOHANN.....*	35-75	126	4	25-14,23,	214	1.0	14,301	4.20	600	17	88	-1,015	+.47	+24	-6
01-11-65 1378594 3932472 1-71				35,41,55	29		15,618	3.72	581						
1482294 ODDO FARMS BEAU GESTE MARCUS..*		1	25	1-23	25	1.1	14,997	3.41	511	12	22	-133	+.03	-1	-4
12-10-64 1423862 5217076 5-71					57		15,793	3.32	524						
1482377 CHAMBRIC MOO-HAVEN SARGENT....*		2	11	1-23	13	1.0	12,906	3.74	483	15	21	-234	.00	-8	-13
02-10-65 1425137 5012147 5-71					59		14,052	3.75	527						
1482380 LEO-BUR ELATION DUKE.....*		2	6	1-34	10	1.0	14,538	3.60	524	50	23	-213	+.01	-6	-11
02-08-65 1318980 5691971 1-71					38		15,656	3.60	563						
1482415 PUGET SOUND GOLDEN HERITAGE...*		5	17	2-41,47	24	1.2	13,382	3.74	500	13	28	-125	.00	-5	-7
09-11-64 1215448 5878150 5-71					42		13,824	3.78	522						
1482420 RICH-HERO REFLECTION INTEGRITY		1	11	1-87	11	1.2	16,970	3.45	585	0	19	+293	.00	+10	+16
01-10-65 1432351 3740875 5-71					25		15,601	3.44	537						
1482434 PINEYHILL MONITOR.....*		1	14	1-33	14	1.1	16,111	3.46	558	36	20	+105	-.03	-1	+2
10-21-64 010260315 5358865 5-71					24		15,760	3.65	575						
1482475 COLOSPRINGS LAD ODEN.....*		2	12	1-51	22	1.4	14,214	3.56	506	27	33	-36	-.02	-4	-4
11-18-64 1122127 5177664 5-71					43		14,370	3.65	525						
1482488 LAVACRES KNIGHT.....	35-75	16	2	8-21,42,	23	1.0	15,221	3.49	531	22	51	-6	-.05	-7	-6
03-20-65 1242221 4331276 5-71				55,91,93	48		15,379	3.59	552						
1482539 BRISTOL ESTEEM MAC.....*		2	22	2-35,74	24	1.1	15,164	3.48	528	0	23	-52	-.05	-9	-9
02-04-65 1344345 4182534 5-71					23		15,554	3.72	578						
1482548 CLARKHOME BENEFACTOR.....*		2	27	1-93	32	1.1	17,108	3.61	618	6	26	+197	+.07	+17	+19
09-29-63 1377075 5319606 5-71					64		16,616	3.35	557						
1482579 KOOI DUKE PRINCE.....*		1	13	1-93	13	1.0	13,851	3.49	484	42	19	-423	-.04	-20	-28
02-03-65 1288610 4467711 5-71					44		16,322	3.71	605						
1482593 HEWFIELDS PEARL LUCIFER KING..*		4	6	2-34,63	16	1.4	16,511	3.21	530	0	35	+174	-.07	-4	+1
09-19-64 1290182 4008917 5-71					18		16,241	3.38	549						
1482632 M V B A LAD EMMA MARTIN.....	41-01	16	2	1-41	21	1.2	13,750	3.59	494	10	48	-209	-.01	-9	-13
10-22-64 1247008 4892288 5-71					31		14,211	3.63	516						
1482665 PARK FOREST BARON ADWOOD.....*		1	12	1-52	12	1.4	15,914	3.56	566	0	21	-100	.00	-3	-5
10-19-64 1308796 4357457 5-71					41		16,679	3.56	594						
1482724 SKOKIE X SHAMROCK.....*		1	10	1-21	10	1.0	10,713	3.44	369	40	18	-107	-.02	-7	-9
04-08-65 1424208 4928120 5-71					28		11,029	3.66	404						
1482818 WESTSIDE PREFERRED ROBURKE....	35-75	19	1	9-21,33,	22	1.0	15,418	3.55	547	5	52	-58	-.03	-6	-6
04-05-65 1065220 3936118 5-71				41,91,93	88		15,709	3.60	566						
1482853 CABHI MASTER MARK.....*		2	5	1-21	10	1.0	16,383	3.58	587	10	24	+118	+.01	+6	+8
04-01-65 1222994 4175014 5-71					30		16,100	3.53	568						

REGISTRATION NUMBER NAME DF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... OAUS HM/DAU	REC/DAU HERDMATE	MILK MILK	% %	FAT FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1482873 CLAYACRES BLENDSTAR NODAR.....		3	6	1-34	14	1.4	16,646	3.87	645	15	30	+114	+.07	+14	+15
09-15-63 1244631 5124719 5-71					9		16,529	3.69	610						
1482879 OLIRLICH BERWALOS DOMINATOR...		1	19	1-46	19	1.7	14,416	3.54	510	5	24	+248	.00	+9	+14
09-21-63 1300481 4364740 5-71					4		13,316	3.54	471						
1482925 CHESTER HOME CHIEFTAIN.....*		2	11	2-35,63	14	1.2	9,239	4.18	386	0	24	-489	+.06	-9	-20
10-21-64 1361065 5092272 5-71					22		11,004	3.80	418						
1482931 CLOYDALE KAREPATH FOND FLOYO..*		2	13	1-21	16	1.3	12,650	3.59	454	0	25	-200	+.02	-5	-9
08-08-63 1243697 4832334 5-71					26		13,416	3.53	474						
1482932 CLOYDALE KAREPATH FOND JOE....*		4	4	1-21	10	1.2	14,115	3.52	497	10	28	+125	-.01	+3	+6
08-16-63 1243697 4949390 5-71					26		13,634	3.54	483						
1482945 ECHO-GLEN GLAMOUR BOY.....	61-02	16	1	4-31,61,	18	1.0	15,633	3.55	555	17	47	+421	-.05	+8	+18
05-01-65 1282185 4338011 5-71				74,84	20		14,816	3.65	541						
1482960 EXRANCO SATURN.....	93-03	2	10	1-93	13	1.0	17,674	3.71	655	31	22	+78	+.04	+8	+9
05-28-65 1397089 3596419 5-71					204		17,702	3.58	634						
1482962 EXRANCO GEMINI.....	93-03	2	11	1-93	13	1.0	15,788	3.84	607	62	21	-411	+.07	-6	-16
05-08-65 1253351 4931670 5-71					207		18,202	3.61	658						
1482975 YARSONS ROBURKE PATRIARCH.....	35-75	16	1	10-13,35,	20	1.0	15,836	3.78	598	35	49	-354	+.07	-3	-12
08-02-65 1291498 4311960 5-71				41,55,82	34		16,859	3.66	617						
1483017 KOOIOALE RITAL OSBORNE IVAN...		2	30	1-42	32	1.3	16,617	3.69	613	13	25	+370	+.02	+16	+23
10-13-64 1287090 5765748 5-71					32		15,261	3.63	554						
1483077 BERGWAL BANNER CHARMER JAY....*		6	3	1-41	11	1.0	15,218	3.41	519	0	31	-33	-.06	-10	-9
08-03-65 1357743 3579051 5-71					15		15,484	3.63	562						
1483083 IDEDGRAPH THORNLEA BRAVE.....*		2	12	1-81	14	1.0	14,565	3.86	562	7	21	-94	+.08	+8	+4
02-03-65 010264804 5009598 5-71					22		15,137	3.47	526						
1483085 IDEOGRAPH MARQUIS SUNNY.....*		1	10	1-81	10	1.0	14,694	3.42	503	10	18	-144	-.04	-11	-13
07-11-65 1459996 5247456 5-71					15		15,687	3.69	579						
1483087 IOEOGRAPH BURKGOV HERCULES....*		4	11	2-87,93	18	1.0	20,648	3.21	663	6	26	+840	-.09	+17	+36
07-20-65 1038509 4630634 5-71					74		17,856	3.42	611						
1483113 SANDHURST NOBEL IAN.....		1	12	1-33	12	1.1	13,510	3.65	493	0	19	+39	-.01	0	+1
01-08-65 1203114 5251281 5-71					6		13,233	3.71	491						
1483135 MISTVALE REROYAL SOVEREIGN....	35-75	13	1	10-21,35,	15	1.0	16,875	3.41	576	13	42	+639	-.08	+12	+27
04-23-65 1192713 4565519 5-71				84,91,93	91		15,513	3.56	552						
1483177 WALRIDGE SUNNY LUKE.....*		2	9	2-31,34	11	1.0	16,728	3.48	582	27	20	-5	-.01	-1	-1
01-10-65 1406271 3678532 5-71					53		17,073	3.53	603						
1483236 SINGING BROOK MONOGRAM FARMER.*		2	15	1-23	17	1.2	17,192	3.41	587	23	23	+470	-.06	+9	+20
05-11-64 1335787 4527888 5-71					23		15,272	3.63	554						
1483247 BARMAH RAINIER RICKY.....	35-75	11	2	9-23,33,	16	1.0	15,661	3.57	559	25	42	+100	-.02	+1	+3
05-18-65 1023059 4700925 5-71				55,73,93	37		15,588	3.61	562						
1483254 OOUBLE LL FRASEA MODEL.....		1	18	1-87	18	1.0	13,561	3.23	438	6	20	+458	-.08	+5	+16
03-08-65 1446112 4467700 1-71					3		11,024	3.68	406						
1483280 LANCO ROYAL CYCLONE.....*		2	8	1-35	10	1.0	17,321	3.35	581	20	20	+437	-.08	+4	+15
04-28-65 1397752 5058910 5-71					10		15,209	3.71	565						
1483287 RICH-HERO TEXAL TRAILMASTER...	61-02	18	1	4-41,82,	22	1.0	15,939	3.46	552	15	51	+271	-.06	+1	+8
07-20-65 1126307 3974563 5-71				85,87	22		15,569	3.57	556						
1483342 LONBRIK VAN HOOSEN.....		1	15	1-91	15	1.0	14,075	3.47	488	0	20	-83	-.02	-6	-7
05-19-65 84287 5444690 1-71					59		14,563	3.62	527						
1483416 WRENTHAM CURT ADMIRAL IRVING..*		1	13	1-14	13	1.0	17,273	3.87	669	0	19	+307	-.02	+8	+15
05-14-65 1237057 5090536 5-71					39		15,845	4.05	641						
1483442 SWATARA HILL CRISSCROSS JESS..*		2	10	2-23,71	12	1.2	13,531	3.84	520	25	21	-296	+.03	-6	-13
11-24-64 1378594 5129218 5-71					65		15,036	3.70	557						
1483444 GRAY VIEW X FONDER.....		1	16	1-48	16	1.0	14,474	3.45	499	19	20	+219	+.02	+11	+15
12-09-64 1378594 4944403 1-71					8		13,308	3.30	439						
1483445 GRAY VIEW CAVALIER.....*	35-05	19	2	5-23,35,	27	1.1	12,968	3.90	506	22	56	-938	+.13	-17	-38
03-26-65 1424208 5108940 5-71				42,73,74	15		14,737	3.68	542						
1483446 GRAY VIEW SKYBOOTS.....*	33-03	69	2	22-21,23,	104	1.0	16,091	3.56	573	15	82	+636	-.10	+9	+24
03-29-65 1396617 3352652 5-71				32,33,35	25		15,463	3.67	568						
1483460 GRASS HAVEN PIETJE DICK.....*		1	15	I-42	15	1.0	15,765	3.48	549	**	20	+320	-.02	+8	+15
09-11-64 1392106 5317875 1-71					15		14,161	3.58	507						
1483482 VIR-BEN DUTCH SKY.....		1	21	1-34	21	1.3	12,819	3.71	476	21	23	-160	+.03	-1	-5
06-24-64 1244845 4369779 5-71					20		13,489	3.58	483						
1483494 ELM-LIM IDEAL FURY TRADEMARK..*		5	8	2-48,74	20	1.2	17,659	3.62	640	10	34	+122	+.03	+8	+10
01-19-65 1381027 4713646 5-71					16		17,669	3.55	628						
1483540 ROMANDALE TEXAL MAPLE.....*		6	12	3-64,86,	31	1.5	15,343	3.20	491	0	41	+261	-.10	-5	+3
11-21-63 1382176 011371335 5-71				93	97		14,787	3.42	506						
1483558 BIERSTEOTS STAR SHORTY.....		1	19	1-42	19	2.0	11,668	3.45	402	21	25	-75	-.01	-4	-5
09-08-63 1283917 4969602 5-71					17		11,752	3.52	414						
1483559 OEONA SENATOR JUDO.....		1	11	1-42	11	1.2	13,393	3.49	468	36	19	-102	-.03	-8	-9
02-20-64 1252985 3480925 5-71					10		13,930	3.70	516						
1483656 JO FOHON SKYWAY ROBURKE.....*		1	16	1-41	16	1.1	16,018	3.28	525	13	21	+217	-.03	+3	+8
07-13-64 1431992 4419507 5-71					7		15,077	3.40	512						
1483675 HIRSCHLER PRUDY REFLECTION MAX		3	8	1-47	11	1.4	15,644	3.85	602	0	24	-72	+.03	+1	-1
09-08-64 1383926 4106578 5-71					26		16,172	3.77	609						
1483701 ROD-ER-DIC LUCIFER POSCH.....*		3	9	2-23,34	13	1.5	13,561	3.83	520	8	26	-330	+.03	-8	-15
07-13-64 1290182 4144415 5-71					23		14,962	3.76	563						
1483717 PACLAMAR TRIUNE EMIL.....*		3	8	1-22	11	1.0	18,756	3.46	649	18	22	+518	-.05	+11	+23
07-15-65 1450228 5422866 5-71					22		16,665	3.64	607						
1483720 PACLAMAR TRIUNE COMPLETE.....*	23-09	1	12	1-48	12	1.0	20,261	3.56	722	0	19	+402	.00	+14	+22
08-07-65 1450228 5029427 5-71					50		18,563	3.56	661						
1483722 PACLAMAR GOLIATH.....*	91-11	2	17	2-82,91	19	1.0	17,973	3.38	608	5	22	+610	-.08	+11	+25
06-04-65 1429821 5341378 5-71					41		15,339	3.66	562						
1483723 PACLAMAR CRITERION.....*		8	14	4-43,48,	26	1.0	16,206	3.69	598	12	31	+439	+.02	+19	+27
07-08-65 1492073 4521313 5-71				71,73	38		14,867	3.64	541						
1483724 PACLAMAR M BOLD.....*		1	10	1-33	10	1.0	15,683	3.78	593	10	18	+19	.00	0	0
07-14-65 1459996 4814537 5-71					9		15,760	3.85	606						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1483726 PACLAMAR 8 E GRANGER.....*		4	7	1-84	13	1.0	15,715	3.48	547	15	26	-90	-.02	-6	-7
07-17-65 1417390 4497714 5-71					56		16,299	3.56	580						
1483747 AL-SAN MASTER DUKE.....	35-75	10	1	8-21,35,	11	1.0	14,511	3.59	521	10	35	-447	+.01	-15	-24
06-07-65 1175471 4127641 5-71				41,42,57	47		15,993	3.60	575						
1483761 PENCOR G LILLY DAGAN.....		1	14	1-23	14	1.1	17,789	3.51	624	29	20	+236	-.04	+3	+9
12-10-64 1223243 5932714 5-71					41		16,885	3.69	623						
1483801 A8ELDALE HIRSCHLER REMEM8ERWIS		2	14	1-47	16	1.3	17,495	3.70	647	6	23	+357	-.01	+11	+18
06-15-64 1422258 4730359 5-71					31		16,150	3.77	609						
1483814 LEOHOST COUNT LUCY 8URKE.....*		1	12	1-48	12	1.0	15,054	3.41	514	8	19	+228	-.02	+6	+11
05-27-65 1286222 5424769 1-71					64		13,813	3.45	477						
1483833 SUNNYNOTCH NATHAN FO8ES.....*		3	8	1-42	20	1.0	11,830	3.87	458	25	33	-313	+.05	-4	-11
12-25-64 1287090 5229675 5-71					9		12,640	3.73	471						
1483844 HAR8ORCREST HAPPY CRUSADER....*	35-05	11	2	7-31,33,	14	1.0	15,881	3.57	567	0	39	+527	-.03	+14	+25
03-23-65 1014925 5054916 5-71				35,41,42	22		14,609	3.66	535						
1483878 RAOINE ELEVATION PAT.....		2	9	1-43	11	1.5	12,845	3.59	461	27	22	+177	-.04	+1	+5
09-13-64 1271810 4651204 5-71					21		11,846	3.81	451						
1483968 PARKCHESTER ADMIRAL F POSCH...*	23-13	64	1	3-21,22,	77	1.0	15,299	3.63	555	22	79	-333	-.01	-14	-20
05-04-65 1237057 5485586 5-71				23	26		15,922	3.66	582						
1483970 GLENSON MOOEST DANOY AL.....*		5	13	1-32	21	1.1	14,265	3.44	491	19	29	+210	-.03	+4	+9
04-20-65 1434454 4793557 5-71					20		13,486	3.51	473						
1483975 RAM8LE-ROCK PETER SEARS ORMS8Y*		1	14	1-21	14	1.0	15,676	3.63	569	8	19	+203	-.01	+6	+10
08-31-64 1085978 3852196 9-70					19		14,701	3.68	541						
1483987 DAVISLAWN DAGAN RO8URKE 8EACON	35-75	18	1	9-35,41,	22	1.0	14,979	3.75	561	14	51	-243	+.06	0	-6
04-01-65 1223243 4183737 5-71				55,87,93	54		15,627	3.65	570						
1483999 NSH FLORON LEIGE LAUNT.....		1	11	1-47	11	1.2	11,000	3.68	405	27	19	-62	+.01	-1	-2
04-10-65 1415356 5856072 5-71					12		11,042	3.66	404						
1484023 8RISTOL ECHO ROE8UCK.....*		1	10	1-43	10	1.1	14,384	3.51	505	20	18	-82	-.01	-4	-5
03-14-65 1404688 4302464 5-71					31		14,937	3.57	533						
1484055 WOODSON MONOGRAM MADDY.....*		5	4	4-21,22,	10	1.3	12,826	3.71	476	0	28	-351	-.01	-14	-21
03-11-64 1335787 4416495 5-71				23,51	24		14,118	3.77	532						
1484066 DON PHIL PEPPER VAR.....		1	10	1-93	10	1.0	15,465	3.36	520	**	18	+119	-.02	+2	+5
09-17-63 1244009 4219034 5-71					17		14,884	3.41	507						
1484096 STERK ROMEO.....		4	7	1-93	20	1.0	16,744	3.61	605	25	36	-208	-.02	-10	-14
03-13-65 1339836 5394355 5-71					50		17,710	3.68	651						
1484105 COON-ROG COMMANDER PERFECTION.	35-75	22	1	13-21,32,	27	1.0	16,734	3.47	580	7	56	+597	-.09	+9	+23
08-06-65 1307195 5265490 5-71				41,55,93	38		15,865	3.60	571						
1484116 SILVERLANE 8OLD FLORA.....	35-75	20	1	9-21,41,	22	1.0	16,043	3.63	583	10	52	+139	+.06	+13	+14
07-14-65 1060259 4713288 5-71				52,55,84	28		15,980	3.53	564						
1484121 LITTLE-RIVER-H PRINCE EDWARO..*		1	11	1-11	11	1.0	16,842	3.35	565	36	18	+209	-.08	-4	+2
01-22-65 1282185 5160962 5-71					25		15,888	3.78	600						
1484242 VALLA VISTA SAMUEL MAX.....*		1	10	1-47	10	1.4	13,197	3.79	500	20	20	-124	-.01	-6	-8
11-10-64 1436907 5719581 5-71					20		13,820	3.91	540						
1484287 FRANCINE PENNY SUPREME.....		1	10	1-41	10	1.2	12,773	3.67	469	20	19	-264	.00	-10	-15
02-11-64 1347065 4737038 1-71					17		14,224	3.75	533						
1484301 WINTERTHUR QMASTER EOEN UNIQUE*		2	11	1-51	13	1.1	14,212	3.91	555	0	21	-1	-.01	-1	-1
03-25-65 1413133 3942447 5-71					48		14,252	3.99	569						
1484332 RENSINK RAYVANS SKYLINER AOAM.		2	11	1-42	16	1.0	17,916	3.51	628	13	24	+537	-.02	+17	+28
04-03-65 1440501 5817373 5-71					24		15,901	3.54	563						
1484333 JERGENS 8ARON J.....*		1	17	1-41	17	1.5	15,041	3.76	566	12	23	-189	+.03	-3	-7
01-09-65 1243697 4127190 5-71					27		16,099	3.68	592						
1484334 JERGENS OISTINCTION 8URKE.....	41-01	11	1	1-41	13	1.0	15,153	3.35	508	8	38	+347	-.09	0	+9
03-07-65 1289574 5900329 5-71					36		14,274	3.57	510						
1484380 SEQUOIA IVAN STAR OUST.....*		7	5	2-91,93	18	1.1	16,489	3.70	610	13	37	-371	.00	-14	-21
09-26-64 1189870 5372431 5-71					78		17,877	3.73	667						
1484395 C-S-P SOUND TWO.....		2	10	1-84	17	1.3	12,598	3.48	439	30	29	+2	-.01	-2	-2
03-13-63 1407665 5247069 5-71					75		12,440	3.56	443						
1484406 OURALYNE EMPEROR SUPREME.....		2	7	1-35	14	1.1	12,214	3.57	436	25	27	-395	-.01	-16	-24
07-11-64 1448176 5620862 5-71					6		13,626	3.64	496						
1484508 OUNGA 8ROOK SIR ERIC.....	35-75	16	2	6-34,35,	20	1.0	16,539	3.46	572	5	48	+438	-.10	+1	+12
05-09-65 1273756 4430072 5-71				41,55,93	134		15,803	3.66	578						
1484534 KNOX VIEW SCHUGS TRAVELER.....	61-02	17	2	2-31,33	23	1.0	13,363	3.53	472	4	51	-179	-.03	-10	-13
01-05-65 1223243 5674840 5-71					18		13,693	3.60	493						
1484590 SANDYLAND FONO PONTIAC.....		1	17	1-48	17	1.5	11,825	3.39	401	25	23	-343	+.01	-11	-18
09-12-63 1397752 5574508 5-71					12		13,288	3.37	448						
1484609 8OOKLANE ROXANNA LAD.....	35-75	24	1	8-34,35,	27	1.0	16,262	3.57	580	12	57	+344	-.01	+11	+18
06-12-65 1298197 4636001 5-71				55,91,93	75		15,846	3.58	567						
1484611 KENFRED ADMIRAL JIM.....*		1	14	1-31	14	1.1	13,338	3.67	489	11	20	-139	+.03	-1	-4
05-30-64 1237057 4977445 5-71					11		14,043	3.55	498						
1484621 HOOSIER-OELL STYLEMASTER SAM..	35-75	15	2	6-21,23,	21	1.0	15,554	3.41	531	24	49	+239	-.10	-6	+1
07-22-65 1175471 4710188 5-71				35,55,91	47		15,195	3.62	550						
1484630 AMACOY CENTURION IDEAL.....*		1	27	1-35	27	1.5	12,824	3.94	505	7	25	-177	+.04	-1	-5
07-10-64 1315879 5474716 5-71					21		13,503	3.81	514						
1484661 8RANLINE TIDY MASTER.....*		4	4	2-31,35	10	1.0	14,527	3.72	541	0	25	+71	+.02	+6	+7
10-25-64 1380945 4088778 1-71					26		14,281	3.65	521						
1484708 COURRIER GINGER 8URKE LEAOER..		1	12	1-41	12	1.3	14,052	3.43	482	10	20	+300	-.05	+3	+10
09-22-64 1437345 5894900 1-71					4		12,416	3.72	462						
1484709 NEOOAK ADORO JACKSON.....	21-10	20	1	6-13,14,	20	1.1	14,494	3.61	523	25	50	-399	.00	-14	-22
04-22-65 1171458 3940540 5-71				15,16,21	32		15,438	3.61	558						
1484723 VENIDA SELECT JOE.....		1	14	1-91	14	1.1	13,289	3.60	479	13	20	-326	+.01	-10	-17
11-12-64 1380550 3549987 5-71					79		15,058	3.58	539						
1484737 SPEICH BELLE 8OY CINDY PEPER..*		1	26	1-35	26	1.6	18,863	3.63	685	0	25	+802	-.03	+24	+41
08-04-64 1259069 4923939 5-71					14		15,815	3.77	597						
1484741 REYNOLANO FO8ES OAGAN PERRY...	61-02	12	1	2-31,61	13	1.0	15,808	3.54	559	31	39	+46	-.05	-6	-4
03-01-65 1223243 4034865 5-71					24		15,885	3.68	584						

REGISTRATION NUMBER / NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1484825 E M C DUSTY ROYAL-TWIN.....*		4	8	1-93	14	1.0	17,722	3.45	611		8	26	+317	-.04	+6	+13
11-30-64 1386287 4899343 5-71					29		16,801	3.56	598							
1484834 SIDILLA CHAMPION.....*		2	10	1-21	12	1.0	14,000	3.57	500		25	20	-209	-.02	-10	-14
01-07-65 1443217 5526326 5-71					14		15,149	3.68	557							
1484835 LOUDEN HILL SOVEREIGN.....*		5	4	2-21,23	14	1.0	10,998	3.53	388		43	34	-682	-.03	-28	-41
12-02-64 1251678 4860645 5-71					69		12,916	3.65	471							
1484864 WHITTIER-FARMS STYLISH-TWIN...		1	13	1-14	13	1.0	19,848	3.96	785		54	19	+409	+.04	+21	+28
01-13-65 1366152 4792501 5-71					27		18,112	3.84	696							
1484891 BEAVER-CREEK PERFECT DENNIS...*	21-10	35	1	7-11,12,	35	1.0	15,723	3.53	555		17	64	+23	-.03	-4	-3
05-12-65 1307195 4622428 5-71				13,14,21	34		15,880	3.58	569							
1484904 LILY POND RAINBOW SUNSHINE....	61-02	19	2	1-34	26	1.0	15,162	3.40	515		10	54	+359	-.13	-5	+5
08-17-65 1406271 4665831 5-71					15		14,565	3.63	529							
1484919 ROYAL GALLANT LAD.....		1	11	1-23	11	1.0	16,521	3.48	575		0	18	+508	-.06	+10	+21
11-09-64 1329588 4785579 9-70					14		13,705	3.81	522							
1484974 RIVER VALLEY CLASSIC FAMOUS...*		1	10	1-21	10	1.1	15,567	3.78	588		30	18	-11	+.05	+7	+6
07-26-64 1418796 4823855 1-71					28		15,823	3.49	553							
1484976 HER ENDEAVOR ROYAL ZELDEN.....*		2	12	1-51	14	1.3	15,852	3.39	537		29	23	-16	-.07	-10	-9
04-12-65 1397752 4718791 5-71					52		16,150	3.68	595							
1484981 CARNATION RAG APPLE MAPLE-TWIN*		9	13	6-21,23,	29	1.0	13,592	3.64	495		10	35	-306	+.01	-10	-16
09-05-65 010218036 4954403 5-71				34,35,61	309		14,543	3.63	528							
1485132 POESTENKILL MODEL BEETS.....*		1	10	1-21	10	1.2	14,601	3.48	508		22	19	-241	-.02	-12	-16
09-11-64 1157416 4914780 5-71					21		16,122	3.65	588							
1485140 COMMADORE OF LAKEHURST.....*	61-02	20	2	5-31,33,	26	1.0	13,645	3.52	480		8	54	-545	-.01	-21	-32
05-21-65 010264804 6241130 5-71				61,84,85	21		14,728	3.54	522							
1485164 AUGLAIZE ADMIRAL DAN.....*		1	10	1-31	10	1.1	15,707	3.75	589		0	18	+192	-.03	+2	+7
03-29-65 1237057 5147524 5-71					9		14,733	3.97	585							
1485223 WALNUTBELL CRUSADER PRINCE....*		2	8	2-35,42	13	1.0	14,605	3.79	553		8	24	-88	+.02	-1	-3
07-30-65 1326679 3864069 5-71					16		15,093	3.76	568							
1485277 MELLERAY CRISSCROSS.....		1	11	1-42	11	1.0	12,753	3.48	444		9	18	-326	+.03	-8	-15
09-24-65 1454073 5481427 5-71					5		14,618	3.37	493							
1485285 FARMINGTON BURKE ELEVATION LAD*		3	6	2-43,61	11	1.0	15,788	3.10	490		0	24	+330	-.08	+1	+9
11-11-64 1271810 4798166 5-71					37		14,444	3.34	482							
1485313 LEADER PABST JEOPARDY.....		1	10	1-42	10	1.0	11,004	3.83	422		30	18	-462	+.05	-10	-20
09-12-65 1242338 5963385 5-71					13		13,586	3.56	484							
1485345 COLSTAH KING LAD POSCH.....*		3	10	1-84	15	1.0	14,209	3.50	498		7	25	+250	-.02	+6	+11
02-09-65 1402593 4086814 5-71					83		13,103	3.59	471							
1485378 WILLOMONTE COUNT DEE-EIGHT....*	91-13	7	7	3-91,92,	17	1.0	18,083	3.52	636		6	30	+671	.00	+24	+37
05-09-65 1298309 4218185 5-71				93	68		16,092	3.50	564							
1485381 LEIFELOS DYNAMITE PRIDE.....*		2	7	1-41	13	1.0	17,037	3.43	585		15	25	+263	-.05	+3	+9
01-10-65 1237057 5194744 5-71					15		16,214	3.57	579							
1485404 ROMEY JOHANNA MAINMAST.....		2	7	1-35	13	1.0	13,722	3.58	491		17	26	-111	-.03	-8	-10
01-11-65 1362405 4884873 1-71					20		14,177	3.73	529							
1485408 GRAY VIEW CALINA.....*	33-03	37	3	13-21,23,	53	1.0	15,062	3.54	533		12	68	-427	-.06	-24	-31
12-28-64 1396617 3474318 5-71				32,33,35	19		15,886	3.63	577							
1485409 GRAY VIEW SKY CRINGLE.....		1	14	1-73	14	1.0	16,582	3.80	630		23	19	+3	+.06	+9	+8
01-12-65 1244845 5306945 5-71					27		16,856	3.50	590							
1485410 OIX HILL DAGAN BELL.....*	55-01	6	6	1-55	23	1.0	18,022	3.62	652		17	41	+367	-.05	+6	+15
04-10-65 1223243 3924363 5-71					52		17,477	3.74	653							
1485465 BIG ROCK MAPLE CHRIS.....*		7	7	1-21	17	1.1	13,914	4.15	578		18	31	-302	+.09	+2	-6
04-07-65 1378594 4780073 5-71					18		14,991	3.86	579							
1485490 STONE HOME BEN REFLECTION.....*		3	5	1-21	10	1.3	14,634	3.47	508		11	25	+395	-.02	+12	+20
10-30-64 1312619 5144426 5-71					26		12,956	3.51	455							
1485531 LEOARNO ELEVATION BARON.....*		4	7	1-48	17	1.0	16,660	3.51	585		0	31	+493	-.05	+10	+21
09-10-64 1271810 5605553 5-71					10		15,199	3.66	557							
1485550 BRAO LEA CITATION MONARCH.....*	61-02	144	3	6-31,32,	260	1.2	15,470	3.50	542		12	92	+883	-.17	+7	+29
10-11-60 1492073 011179608 5-71				33,35,61	19		14,568	3.69	538							
1485648 TUM-A-LUM FONO HERB.....*		8	6	2-14,16	18	1.3	17,989	3.66	658		0	36	+575	+.01	+22	+33
07-14-64 1243697 4895217 5-71					23		16,658	3.64	607							
1485688 L-BEASLEY WALLIE QUEEN BOBIE.*		1	13	1-63	13	1.1	17,619	3.07	541		8	19	+504	-.08	+6	+18
08-10-64 1416171 4471211 5-71					26		15,143	3.39	513							
1485692 COOMER WINTER ROYAL JOLLY JACK*		2	8	1-34	12	1.4	14,812	3.71	549		0	26	-161	+.02	-3	-7
10-30-64 1397752 5203641 5-71					20		15,606	3.65	570							
1485716 GREMELSBACH MAGIS STAR MOBURKE		1	16	1-41	16	1.1	15,549	3.40	529		6	21	+149	-.04	0	+4
08-15-64 1249795 5201451 1-71					9		14,923	3.58	534							
1485780 LIL-CHAR LINOA LADOIE PAT.....*		1	15	1-32	15	1.1	17,261	3.92	677		7	20	+428	+.02	+18	+26
11-10-64 1291498 4239920 5-71					16		15,285	3.92	599							
1485789 CARLIN PRINCE CHARMING.....*		5	4	1-48	12	1.0	15,853	3.64	577		8	30	+288	-.04	+4	+11
07-30-65 1357743 5860118 1-71					18		15,005	3.80	570							
1485861 C S P F LEADER ERIC KEN.....*		2	22	1-16	24	1.0	15,340	3.81	585		33	23	-294	+.02	-8	-14
11-21-64 1289744 5224198 5-71					69		16,937	3.77	638							
1485951 ZIMMERMAN PILOT STAR ROGER....		1	13	1-21	13	1.7	12,308	3.90	480		38	22	-307	+.05	-4	-11
11-21-63 1261857 4648405 5-71					10		13,697	3.67	503							
1486033 FRANGIN ACRES PERFECTION EARL.	35-75	18	2	12-21,32,	22	1.0	16,485	3.60	594		14	50	+236	.00	+8	+13
10-16-65 1307195 4800951 5-71				55,82,91	35		16,244	3.61	586							
1486125 LORO FARMS POSCH RONHUB.....*		3	8	2-21,23	11	1.4	12,815	3.54	454		22	24	+3	+.01	+1	+1
10-15-63 1190151 5023643 5-71					19		12,677	3.51	445							
1486146 LA-BAR SUNSHINE MIRACLE.....*		2	8	1-48	10	1.0	16,957	3.70	628		20	20	+305	-.01	+9	+15
03-02-65 1406271 5205514 5-71					24		15,553	3.78	588							
1486190 JERGENS FOND COMET.....		4	6	1-41	11	1.1	16,076	3.65	586		0	25	+175	-.04	0	+5
02-08-65 1243697 5582624 5-71					15		15,524	3.82	593							
1486197 LINLAWN GINGER BILL.....*		2	8	1-32	10	1.5	14,370	3.93	565		20	22	-96	+.01	-2	-4
11-13-64 1258673 4812341 5-71					33		14,909	3.94	587							
1486219 MEADOW HOLLOW ROYAL LAD.....	35-75	15	1	11-21,23,	16	1.0	17,359	3.50	608		25	44	+664	-.04	+18	+32
08-14-65 1192713 5129713 5-71				32,33,35	31		16,061	3.57	574							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... HM/DAU	REC/DAU HEROMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1486235 MILLERHURST FOBES CHIEF.....*		2	12	1-21	18	1.2	16,994	3.48	591	18	27	+440	.00	+16	+25
10-29-64 1397517 4871139 5-71					25		15,514	3.45	535						
1486357 DAYLAND LUCROSS.....*		2	14	1-87	16	1.0	15,136	3.49	529	13	21	+57	+.01	+3	+4
05-21-65 1423201 4827999 5-71					28		14,974	3.45	516						
1486402 GAYMERE KBOP POSCH.....	35-75	18	1	9-21,31,	21	1.0	16,076	3.53	568	10	50	-93	-.01	-5	-7
09-05-65 842876 4917986 5-71				41,55,91	44		16,520	3.56	588						
1486495 TERR-KESS HONEYMAN PRINCE.....		1	13	1-42	13	1.0	6,445	3.72	240	31	19	-504	+.02	-16	-26
05-20-65 1265694 5231241 5-71					17		8,565	3.65	313						
1486496 RICH-B OESTINATION.....*		8	2	2-31,43	11	1.0	13,660	3.81	520	18	34	-298	+.06	-2	-9
07-18-65 1357743 5121208 5-71					23		14,610	3.63	531						
1486517 RO-RIA INVINCIBLE ADMIRAL.....*		2	9	1-23	11	1.0	11,983	3.74	448	27	20	-151	+.02	-3	-6
06-22-65 1237057 4125866 5-71					83		12,608	3.69	465						
1486607 HY-VU RAVEN FONO HOPE.....*		2	13	2-31,84	15	1.0	13,673	3.76	514	20	21	-422	+.02	-12	-21
06-17-65 1243697 4621074 5-71					22		15,859	3.66	581						
1486640 LAZY-O WIS STYLEMAKER.....	35-75	16	1	9-31,35,	20	1.0	16,384	3.56	584	5	49	+342	-.01	+11	+18
09-10-65 1179372 5165759 5-71				41,55,91	35		15,872	3.57	567						
1486684 CITATION APACHE WAR HAWK.....*		3	14	2-12,86	18	1.2	15,723	3.23	508	35	25	-13	-.03	-5	-4
09-15-64 1492073 6096869 5-71					142		15,985	3.35	536						
1486729 BETIJO WIS REFLECTION.....*		3	7	2-71,74	14	1.0	15,171	3.07	465	31	27	+316	-.07	+2	+10
11-27-64 1382958 3779073 5-71					24		14,011	3.23	453						
1486740 CHAMBRIC TROUBADOUR.....	91-13	9	2	3-91,92,	12	1.0	17,162	3.48	598	0	36	+410	-.08	+4	+14
08-24-65 010252803 4671630 5-71				93	46		16,235	3.66	595						
1486805 S C P MASTER DINGO.....*		2	9	2-56,73	11	1.0	14,648	3.57	523	50	20	+196	.00	+7	+11
08-07-65 1355784 5421820 5-71					117		13,640	3.58	488						
1486807 PAUL-LYN CULMINATION BOY.....*		2	11	1-48	13	1.0	13,158	3.28	432	38	21	-208	-.02	-10	-14
04-26-65 1400686 5111810 5-71					30		14,194	3.42	485						
1486810 COOPER HILL WAYNE MARQUIS.....*		2	12	1-14	14	1.0	16,784	3.88	652	7	21	+249	+.01	+11	+16
09-09-65 1459996 4286238 5-71					78		15,780	3.87	610						
1486887 EOMARAL OELLA GINGER.....*		4	5	1-21	11	1.7	14,759	3.91	577	**	30	-283	+.07	0	-7
11-30-63 1258673 3457983 1-71					36		15,903	3.70	588						
1486988 TREFOILANO KEYSTONE ROY.....		1	10	1-21	10	1.2	13,691	3.43	470	22	19	-299	-.02	-14	-19
08-27-64 1291028 4780837 5-71					14		15,453	3.60	556						
1486997 MACCLAN SEARS ROEBUCK.....*		1	15	1-21	15	1.2	16,515	3.60	594	7	21	+138	+.01	+6	+9
12-28-64 1085978 4790394 5-71					28		16,062	3.57	573						
1487002 ZELOENRUST ROYAL STAR.....*		1	19	1-32	19	1.0	16,159	3.37	545	11	21	+143	-.04	0	+4
09-12-65 1397752 5846146 5-71					40		15,634	3.51	548						
1487005 ZELDENRUST BONDSMAN.....	31-02	28	2	5-31,33,	36	1.0	14,976	3.69	552	6	63	+287	+.03	+15	+20
08-23-65 1297169 4371253 5-71				34,43,57	29		14,582	3.64	531						
1487037 GROVELANO PIONEER.....		1	15	1-41	15	1.1	15,515	3.77	585	7	20	+86	.00	+3	+5
04-28-65 1292880 5779595 5-71					27		15,212	3.81	580						
1487078 EHRS RAG APPLE REFLECTION.....*		3	5	1-47	11	1.6	14,713	3.75	552	9	30	-374	+.03	-9	-17
12-12-64 1347065 5061678 5-71					24		16,201	3.67	595						
1487082 RICHLY PHOEBE CLAPPER.....*		2	5	1-82	10	1.0	12,486	3.68	460	20	24	-461	+.04	-11	-21
08-28-65 1283309 4203729 5-71					24		14,498	3.54	513						
1487125 OAVISLAWN ADMIRAL LUCIAN.....*		2	13	1-21	19	2.5	15,194	3.43	521	6	33	+472	-.01	+15	+25
12-09-63 1237057 4437270 5-71					18		13,734	3.43	471						
1487126 S D A ACADEMY ELVIS.....*		1	14	1-92	14	1.6	14,688	3.38	496	8	22	+215	-.04	+2	+7
08-09-64 1362343 4448293 5-71					19		13,696	3.53	483						
1487148 KNOB LICK ELEVATION BOB.....	35-75	17	1	7-34,35,	18	1.0	16,379	3.41	559	17	47	+753	-.10	+12	+30
10-02-65 1271810 5225456 5-71				42,55,93	40		14,866	3.61	536						
1487151 IRVINGTON PONTIAC REFLECTION..*		4	6	1-23	20	1.0	14,865	3.60	535	10	36	-245	+.06	0	-6
09-22-65 1445718 5704234 5-71					37		15,728	3.43	540						
1487176 HOOBIRK CALIBAN FRANCO.....		2	13	1-32	24	1.2	13,996	3.64	510	18	32	-159	-.03	-10	-12
10-26-64 1246183 5131262 5-71					10		14,559	3.76	548						
1487205 SPY ROCK VELVET GLAMOUR BOY...*	21-10	15	1	5-11,12,	15	1.0	16,178	3.62	585	7	43	-74	+.02	0	-2
11-21-65 1282185 5381078 5-71				13,14,21	18		16,620	3.59	596						
1487233 FREDELYN FARMS BURKGOV.....	35-75	14	1	7-34,35,	15	1.0	15,449	3.56	550	13	42	-271	+.01	-9	-15
07-16-65 1038509 4666610 5-71				41,82,84	34		16,328	3.56	582						
1487265 WINOY WILLOW OOUBLOON-TWIN....*	23-13	38	1	5-21,22,	43	1.0	16,143	3.38	546	16	68	+677	-.19	-4	+14
11-01-65 1282185 3825002 5-71				23,51,73	26		15,275	3.66	559						
1487297 OEE ANN ECHO REGENT.....*	31-02	13	3	5-31,43,	27	1.0	16,111	3.68	593	8	50	+458	+.07	+26	+33
12-02-64 1429821 4679613 5-71				47,48,55	19		15,342	3.55	545						
1487301 DEE ANN RE ECHO MIKE.....*		1	17	1-86	17	1.1	17,928	3.15	564	6	21	+328	-.06	+3	+11
10-30-64 1230610 4679654 5-71					31		16,616	3.35	556						
1487303 KEVREL RAG APPLE LEAOER-TWIN..*		1	10	1-51	10	1.6	14,602	3.99	582	0	21	+164	.00	+6	+9
10-21-63 1268164 3577330 1-71					19		13,788	4.03	556						
1487336 MILLERHURST ORMSBY PAT.....	35-75	11	1	5-34,35,	12	1.0	14,836	3.88	575	42	37	-416	+.10	-1	-12
03-21-65 1273756 3878027 5-71				55,91,93	126		16,183	3.64	589						
1487350 EKCO H K A OESIGN IMP.....		2	8	1-11	10	1.8	15,862	3.73	591	0	23	+124	+.03	+8	+10
02-13-64 1333423 4632380 5-71					60		15,488	3.64	564						
1487367 FOXLEASE MAXIMUS.....*		2	9	1-52	11	1.0	15,563	3.67	571	9	20	+41	-.01	0	+1
10-04-65 010239301 5605304 5-71					41		15,513	3.72	577						
1487414 BRADLEY-VIEW PONTIAC HARRY....*		1	12	1-74	12	1.1	14,513	3.53	512	45	19	-169	+.01	-5	-9
07-16-65 1397752 5028053 5-71					12		15,572	3.52	548						
1487504 CLUE FARM ORLO GOOEL.....*		2	5	1-21	10	1.0	15,942	3.48	555	20	24	+57	-.01	+1	+2
08-20-65 1348259 4980492 5-71					56		15,894	3.49	555						
1487511 KILINSDALE WHITTIER ELFAC.....	23-09	3	6	1-14	13	1.0	18,459	3.89	718	23	27	+198	+.05	+14	+17
08-08-65 1366152 4724362 5-71					31		18,144	3.77	684						
1487607 REYNOLAND FOBES OAGAN PACER...*	21-10	17	1	4-11,13,	18	1.0	16,528	3.58	592	6	47	+528	.00	+19	+29
04-02-65 1223243 4406022 5-71				14,21	31		15,564	3.58	557						
1487669 APACHE CITATION SANOY.....*		1	25	1-86	25	1.0	16,225	3.16	513	20	22	+103	-.03	0	+3
10-11-65 1492073 4405506 5-71					132		15,950	3.23	515						
1487697 AYRMOR ERIC.....	23-13	34	3	4-23,51,	51	1.0	15,998	3.69	590	4	67	+403	+.04	+20	+27
08-14-65 1273756 4561331 5-71				52,54	22		15,561	3.64	566						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... OAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1487733 8EEZLEY FARM SUPREME MARK.....		2	9	1-48	11	1.2	14,865	3.65	543	20	21	-525	+.01	-18	-29
09-10-64 1179373 4308032 1-71					35		17,752	3.64	647						
1487740 WEL-HI CAPPER JOE.....		2	10	1-32	13	1.0	13,309	3.73	497	31	22	-264	.00	-9	-14
07-11-64 1417208 5289969 5-71					9		14,558	3.76	547						
1487787 LEWVINA SIR LANCELOT.....	61-02	10	1	2-32,34	10	1.0	15,612	3.68	575	22	33	+210	+.06	+16	+19
10-03-65 1290182 5197810 5-71					16		15,098	3.50	528						
1487888 CLOVERVALE FAYNE PRINCE PHILIP*	23-13	25	1	3-21,22,	31	1.0	14,639	3.39	496	16	59	-140	-.16	-27	-26
06-20-65 1282185 4415249 5-71				23	27		14,981	3.65	547						
1487903 U V M JUPITER HEAOMAN.....*		2	7	2-13,14	10	1.1	13,931	3.47	484	33	22	-451	-.01	-17	-26
01-30-65 1419341 4647825 5-71					20		16,231	3.54	574						
1487921 HIAWATHA ROYAL GALAXIE.....*		2	6	1-35	12	1.2	13,015	3.42	445	17	27	-646	-.07	-32	-43
01-20-65 1397752 4749115 5-71					13		15,623	3.71	579						
1487994 HAMMOND NANCY GOLDEN 8ELL-TWIN	35-75	12	1	9-21,31,	12	1.0	14,505	3.54	514	8	37	-554	-.01	-21	-32
10-20-65 1221761 3930428 5-71				32,35,55	29		16,215	3.58	580						
1487995 HAMMOND NANCY GOLDEN 8OY-TWIN.	35-75	9	1	6-21,23,	10	1.0	15,491	3.49	541	20	33	-134	-.05	-12	-13
10-20-65 1221761 3930428 5-71				41,55,84	28		16,123	3.65	589						
1488017 8Y-GEMS STANDOUT LEADER.....*		1	12	1-35	12	1.0	16,143	3.57	577	0	19	+53	+.01	+4	+5
07-25-65 1375087 4776245 5-71					12		16,072	3.50	563						
1488057 TAYLOR-MAID ROAMER ZIGO ADVENT*	21-10	18	1	4-11,12,	18	1.0	15,486	3.51	544	6	47	-130	.00	-5	-8
09-23-65 1171458 5020439 5-71				16,21	30		15,964	3.53	563						
1488091 CHAPEL 8ANK CARDINAL.....*		5	5	2-13,21	14	1.0	15,981	3.42	546	7	30	-62	-.01	-4	-5
09-04-65 1395071 5587263 5-71					25		16,441	3.47	570						
1488098 ELM RIOGE CELE8RITY KNIGHT....*		1	11	1-35	11	1.0	11,719	3.76	441	18	18	-492	+.01	-17	-27
03-07-65 1395838 5518394 5-71					37		14,484	3.76	544						
1488119 SHAW-ACRES POWER JEM.....		1	14	1-34	14	1.1	13,700	3.69	505	10	20	-34	.00	-1	-2
02-14-64 1428125 4607796 9-70					19		13,872	3.71	515						
1488141 JOOK WHITE PRINCE.....*		1	10	1-22	10	1.0	14,202	3.86	548	30	18	-121	+.02	-2	-5
10-15-65 1347940 4813771 1-71					113		14,995	3.80	570						
1488210 PLATZ NO8LY REVELATION.....		3	5	1-33	11	1.1	15,997	3.62	579	0	26	+1	-.02	-3	-2
09-17-64 1462841 3641046 1-71					18		16,219	3.72	604						
1488231 ROUNO OAK EFFICIENT EOUCATOR..*		1	13	1-52	13	1.0	17,383	3.52	612	0	19	+55	-.01	0	+1
10-02-64 1441298 4596284 5-71					22		17,442	3.59	626						
1488246 M V 8 A COMRE POLLY TED.....	41-01	39	2	4-41,42,	47	1.0	14,378	3.62	521	13	69	-73	+.06	+6	+3
02-12-65 1242338 3988198 5-71				45,46	23		14,546	3.53	514						
1488258 VEAZLANO MASTER CHIEF-TWIN....*		1	11	1-11	11	1.0	16,122	3.49	562	0	18	+165	-.04	0	+4
03-11-65 1397517 4252082 5-71					30		15,358	3.70	569						
1488261 PRETZ 8URKE IDOL.....*	23-09	3	7	1-48	20	1.1	16,853	3.78	637	15	35	+553	+.02	+23	+33
01-02-65 1013415 5701761 5-71					13		15,432	3.75	579						
1488307 LOCHEVALE 8ILLY HOPE.....*		1	18	1-31	18	1.5	15,234	3.65	556	6	23	-84	+.01	-2	-4
01-24-64 1243697 5101246 5-71					46		15,786	3.65	576						
1488308 LOCHEVALE 808 LUCKY.....		1	28	1-31	28	1.1	12,617	3.56	449	21	23	-119	.00	-4	-6
07-23-64 1431755 4267105 5-71					29		13,060	3.58	468						
1488309 LOCHEVALE GEORGE SUNSHINE.....*		1	10	1-31	10	1.4	14,128	3.96	559	0	20	+132	+.07	+14	+15
11-25-64 1406271 5101248 5-71					45		13,399	3.64	488						
1488315 TURNOCK 8ENNY.....*		3	11	1-41	16	1.5	13,317	3.23	430	0	28	-210	-.05	-15	-18
01-09-64 1199324 4641856 5-71					17		14,098	3.44	485						
1488323 M JAY8EE MAGIC WALKER.....		2	8	1-93	10	1.4	17,689	3.52	623	44	22	+171	-.04	0	+4
03-01-64 1298309 3886455 5-71					131		17,222	3.69	636						
1488341 ST CROIXCO KIP.....*		1	14	1-35	14	1.2	12,618	3.66	462	7	20	-291	-.02	-13	-18
12-16-64 1411048 5602568 5-71					12		14,062	3.81	536						
1488395 RU-WIN JOE PRIDE ADMIRAL.....		1	11	1-42	11	2.0	15,464	3.22	498	18	22	+168	-.06	-3	+2
12-31-63 1237057 4572980 5-71					14		14,786	3.50	517						
1488422 RO8INWAY DAVE.....		1	10	1-35	10	1.0	17,050	3.21	548	0	18	+413	-.09	+2	+12
11-08-65 1434460 4695470 5-71					27		14,802	3.65	540						
1488424 RO8INWAY DAN.....*		1	11	1-35	11	1.0	16,463	3.81	628	9	18	+156	+.04	+11	+13
08-29-65 1399092 4951195 5-71					21		15,789	3.65	576						
1488428 PLATZ CHARMER PRINCE.....		2	11	1-33	13	1.0	16,303	3.47	566	8	21	+415	-.04	+9	+18
07-27-65 1357743 5157618 5-71					23		14,335	3.65	523						
1488442 KINGSTEAD 8ELLE 8OY.....	23-13	29	2	5-21,23,	42	1.0	14,600	3.83	559	7	64	-481	+.11	-2	-14
09-17-65 1290182 4353447 5-71				51,52,54	27		15,513	3.68	571						
1488503 FLEETRIDGE PROMINENT.....*		2	10	1-16	12	1.8	17,269	3.68	635	33	24	-63	.00	-2	-3
10-27-63 010274514 5208023 5-71					35		17,933	3.70	663						
1488514 SCOTTSAN REGAL SAMSON.....*		2	10	1-22	12	1.8	18,750	3.57	670	0	25	+801	-.03	+25	+42
05-01-64 1374233 5014099 5-71					35		15,668	3.68	577						
1488558 MAPLE SLOPE SHARON COSMO.....	21-10	33	1	5-11,12,	34	1.0	16,516	3.58	591	21	63	+559	-.04	+15	+27
08-14-65 1070036 4620439 5-71				14,16,21	29		15,814	3.63	574						
1488603 8USY ACRES SEARS OUKE RE8OUND.	21-10	23	1	6-12,13,	23	1.0	15,274	3.66	559	13	53	+106	.00	+4	+6
09-22-65 1221835 4537261 5-71				14,16,21	28		15,201	3.66	556						
1488604 8USY ACRES SUPER RANOY.....*	21-10	27	1	6-11,12,	27	1.0	16,888	3.67	619	7	57	+688	+.03	+29	+42
08-07-65 975138 5147937 5-71				13,16,21	28		15,883	3.63	576						
1488680 AMPLY SENATOR ADMIRAL OAN.....*		3	8	1-32	18	1.3	12,376	3.51	434	12	33	-385	+.03	-10	-18
12-18-64 1252985 5796728 5-71					11		13,502	3.43	463						
1488687 WONOERSPRING ROYAL MASTER.....*		1	13	1-21	13	1.8	13,422	3.50	470	8	22	-112	-.01	-6	-8
01-11-64 1305460 4653896 5-71					30		13,932	3.59	500						
1488706 NOR-LENE MAOCAP MARK.....*		2	10	2-31,32	12	1.5	17,141	3.72	637	0	23	-36	-.01	-3	-3
04-03-65 1333723 4716850 5-71					17		17,675	3.80	672						
1488719 OI88LE NO8LE CRUSAOER.....*		1	10	1-63	10	1.2	15,253	3.31	505	20	19	+287	-.02	+7	+13
07-27-64 1349742 5344733 5-71					38		13,683	3.37	461						
1488775 EOELMA FAYNE ANOY.....	35-75	16	1	8-21,32,	20	1.0	15,881	3.60	572	40	49	-170	+.02	-4	-8
08-11-65 1061172 3994226 5-71				35,55,91	45		16,488	3.58	590						
1488802 LONE-RANCH WARO CLEO HECTOR...*		1	13	1-21	13	1.0	18,940	3.20	607	8	19	+121	-.06	-4	0
08-17-65 1394348 5549564 5-71					17		18,785	3.43	645						
1488813 ELYTE LAUXMONT DIRECT.....*		2	9	1-23	11	1.9	14,649	3.75	550	0	25	+155	.00	+5	+8
03-31-64 1271019 3865388 5-71					17		14,028	3.79	531						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... OAUS HM/DAU	REC/DAU HEROMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1488837 INTERNATIONAL VOLUNTEER.....*		3	10	1-31	18	1.3	13,671	3.95	540	28	29	-394	+.05	-7	-16
09-14-64 010282994 011005527 5-71					24		15,139	3.79	574						
1488891 WINKAL DYNAMO SUPERIOR.....*		1	16	1-35	16	1.6	13,809	4.03	556	6	23	-82	+.06	+5	+2
12-13-64 1421069 4637914 5-71					11		14,193	3.80	540						
1488932 IVA-NAN ADMIRAL TELSTAR.....	61-02	7	2	1-34	11	1.0	13,191	3.46	456	17	33	-283	-.06	-18	-22
08-06-65 1237057 3361832 5-71					21		14,075	3.66	515						
1488993 MYRVALE DIXIE DUSTER OAR8Y....	21-10	22	1	4-12,14,	22	1.0	16,784	3.39	569	14	52	+454	-.11	0	+12
07-15-65 1223243 4916109 5-71				16,21	28		16,136	3.58	577						
1489057 PAUL FARM ACE OF DIAMOND.....*		2	9	1-32	17	1.3	15,304	3.44	526	18	30	+121	-.07	-6	-2
09-27-64 1414537 5000709 5-71					7		15,013	3.69	554						
1489058 PAUL FARM JUOGE.....*		4	4	1-32	11	1.2	15,913	3.36	534	18	29	+237	-.06	0	+6
10-16-64 1438200 3720520 5-71					11		15,222	3.57	543						
1489082 EIPPERHURST CHARMER.....*		3	9	1-47	14	1.6	14,313	3.57	511	8	28	+212	-.05	0	+6
08-05-64 1418083 5072757 5-71					21		13,502	3.81	515						
1489135 KEYSTONE LEAOSMAN.....*	23-13	102	1	5-21,22,	130	1.0	14,217	3.87	550	18	86	-1,122	+.16	-20	-46
09-14-65 1326835 3840436 5-71				23,45,55	23		15,698	3.71	582						
1489191 SPY ROCK VALOR GRANDIER.....*	21-10	12	1	3-11,12,	12	1.0	15,501	3.42	530	0	37	-221	-.05	-15	-18
12-19-65 1277619 5624808 5-71				21	22		16,335	3.56	582						
1489220 WYSS HOMESTEAD IVANHOE TAILOR.*	35-05	19	3	3-33,35,	40	1.0	15,019	3.62	544	25	62	+97	-.05	-3	0
02-03-65 1189870 3982874 5-71				65	18		14,964	3.71	555						
1489300 8AILAND HOMESTEAD GRAND.....		4	4	1-91	13	1.6	17,492	3.13	548	8	35	+534	-.13	+1	+15
01-15-64 1277619 4613659 5-71					84		16,178	3.40	550						
1489369 PAWNEE FARM REFLECTION ARTIST.	35-05	13	2	3-35,41,	16	1.0	13,948	3.89	542	13	43	-501	+.08	-7	-19
03-29-65 1322381 3922839 5-71				42	20		15,257	3.72	568						
1489385 CHEERYLANES IVANHOE MOONLIGHT.		1	20	1-82	20	1.4	17,987	3.80	683	10	23	+224	+.02	+11	+15
12-11-63 1423468 5579047 5-71					49		17,349	3.75	650						
1489407 SANMARGALE RO8URKE HOPE.....		1	11	1-31	11	1.0	13,775	3.75	517	9	18	+10	+.04	+6	+5
02-13-65 1035164 4428701 5-71					12		13,693	3.53	484						
1489460 DELI LYLE WINNER.....	61-02	60	2	7-31,33,	80	1.0	14,684	3.65	536	13	78	-2	+.01	+1	+1
08-01-65 1315578 5362035 5-71				42,61,84	21		14,771	3.64	538						
1489516 SUEDAVE K 8 O P 8ELLE.....	35-75	12	1	8-21,23,	12	1.0	15,737	3.67	578	8	37	+48	+.02	+4	+5
10-18-65 842876 4856710 5-71				35,41,55	24		15,793	3.64	575						
1489563 CEOARDALE SHAMROCK PERCY.....*		4	17	1-13	22	1.3	15,745	3.50	551	15	27	+36	-.04	-4	-2
05-15-64 010260599 3668847 5-71					39		15,796	3.66	578						
1489633 OELFKES GEORGE PROGRESSOR.....		1	15	1-41	15	1.0	12,803	3.84	491	0	20	-101	+.02	-1	-3
10-26-65 1446733 5190160 5-71					19		13,251	3.79	502						
1489657 ELMOKA REFLECTION JOE.....	23-13	21	1	2-22,23	21	1.0	13,992	3.61	505	14	51	-404	-.08	-25	-31
09-15-65 1347065 4176330 5-71					16		14,876	3.77	561						
1489772 RICHAROSVALE WHITEY J RANGER..*		2	13	1-21	15	1.1	15,617	3.28	513	29	22	+171	-.06	-2	+3
05-23-64 1303179 4726300 5-71					17		14,936	3.54	528						
1489773 JERGENS HAR8OR 8ERRY.....*		2	10	1-41	12	1.0	14,313	3.91	559	50	20	+71	+.02	+6	+7
08-25-65 1406271 5904917 5-71					23		13,966	3.80	531						
1489812 KANAWAKA TRIUNE GLAMOUR 8OY...	48-01	48	2	1-48	69	1.0	15,233	3.51	534	10	75	+406	-.05	+8	+17
07-17-65 1282185 4601836 5-71					22		14,776	3.55	525						
1489818 HIGHER VIEW SENATOR REVUE.....		3	7	1-48	14	1.0	11,557	3.54	409	21	27	-226	.00	-8	-13
02-01-65 1252985 5149874 5-71					10		12,224	3.57	437						
1489846 KRET-MAR GRAPHIC IOEAL.....*		1	10	1-34	10	1.0	18,116	3.43	622	0	18	+290	-.05	+4	+11
07-29-65 1320015 4869884 1-71					18		16,761	3.66	613						
1489916 HY-OON HENRIETTA SENATOR.....		3	8	1-73	15	1.1	14,009	3.50	490	0	29	-53	+.01	-1	-2
05-09-64 1252985 4959693 5-71					2		14,227	3.49	496						
1489993 ROCKY-SIOE STAR.....*		3	5	1-23	11	1.0	18,145	3.68	668	9	26	+409	.00	+15	+23
06-14-65 1439511 5753321 5-71					16		16,864	3.68	621						
1490063 8AILANO MADCAP MAGIC OAN.....*		1	11	1-91	11	1.0	15,221	3.41	519	0	18	-27	-.01	-3	-3
08-11-65 1297472 5108491 5-71					79		15,532	3.50	544						
1490066 LAURIEACRES ROYAL CHIEF.....		1	10	1-34	10	1.0	14,357	3.65	524	20	18	+103	+.04	+10	+11
02-23-65 1397752 4269005 5-71					12		13,759	3.37	464						
1490145 VALLA VISTA ACE LILAC.....		1	11	1-47	11	1.0	11,729	3.61	423	27	18	-148	.00	-5	-8
11-10-65 1449357 5357778 5-71					6		12,390	3.62	449						
1490202 SHAOY-LYNN POSCH WAYNE.....*		1	13	1-63	13	1.1	15,714	3.54	557	0	19	+415	+.01	+16	+24
11-21-64 1292081 4832492 1-71					14		13,536	3.47	470						
1490212 CHANCE-ACRES KING.....*		1	10	1-51	10	1.0	16,689	3.61	602	0	18	+586	-.01	+20	+32
07-13-65 1406271 5817817 5-71					15		13,315	3.67	488						
1490221 HEDEGARD GALLANT IVAN.....		1	10	1-93	10	1.0	16,768	3.54	594	10	18	-2	+.01	+1	+1
07-12-65 1329588 5136038 5-71					78		17,099	3.49	596						
1490276 OIAMOND S NOEL KIM.....	35-75	10	1	6-21,23,	12	1.0	15,463	3.61	558	25	36	-324	+.02	-9	-16
10-19-65 1315498 3676108 5-71				35,41,55	27		16,623	3.58	595						
1490278 MER-STEIN TIM PICNEER.....*		2	8	1-34	10	1.1	12,445	3.89	484	33	20	-43	+.03	+3	+1
01-28-65 1292880 5309656 5-71					32		12,522	3.71	465						
1490281 TRU-POL COUNT MOOSEHEART 8EL..		1	10	1-41	10	1.0	14,352	3.58	514	30	18	-143	.00	-5	-8
10-09-65 1417208 5231544 1-71					40		15,300	3.59	550						
1490304 ARROW D F MR SURPRISE.....*		1	13	1-16	13	1.0	12,202	3.79	463	31	19	-382	+.01	-12	-20
08-15-65 1280615 4976051 5-71					48		14,249	3.77	537						
1490307 CANTON-PRIOE FANNY MORGAN.....	21-10	13	1	5-11,13,	13	1.0	15,391	3.91	602	31	39	-173	+.17	+17	+10
11-09-65 1235822 5074656 5-71				14,16,21	18		16,045	3.53	566						
1490543 FLYNN FIELO LBJ.....*		1	11	1-47	11	1.6	14,687	3.63	533	9	21	+58	-.01	0	+2
11-04-64 1447427 5520046 5-71					52		14,461	3.75	543						
1490561 OELSOD STANOARO CARNATION ED..		1	10	1-35	10	1.2	12,501	3.47	434	40	19	-138	-.02	-8	-10
09-03-64 1373055 4920692 5-71					15		13,174	3.66	482						
1490584 .....*		1	19	1-55	19	1.2	17,029	3.39	577	16	22	+481	-.03	+13	+23
5-71					23		14,885	3.49	519						
1490598 O-A-O RINGO.....*		1	12	1-23	12	1.3	14,514	3.45	501	42	20	+46	-.01	0	+1
08-09-65 1459996 5344751 5-71					14		14,322	3.54	507						
1490633 CASH-MAR OVATION TEXAL.....*		4	7	2-32,72	15	1.1	12,264	3.50	429	15	29	-374	-.04	-19	-25
11-30-64 1422217 5936497 5-71					29		13,530	3.68	498						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST OAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/OAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1490662 WIN-WEL TA8UR FOND JOSE.....		1	14	1-48	14	1.1	11,130	3.34	372	27	20	-212	.00	-8	-12
02-09-64 1367055 4595994 1-71					18		11,994	3.41	409						
1490672 EHR-DALE IVAN POGO.....*		1	12	1-21	12	1.1	14,771	3.91	577	36	19	+41	+.03	+6	+6
01-03-65 1403693 5397908 5-71					47		14,623	3.75	548						
1490797 WHITE HEIGHTS MONOG SENSATION.*		5	12	3-32,33,	19	1.3	13,410	3.19	428	6	29	-99	-.08	-15	-15
02-28-64 1394041 3213578 5-71				61	63		13,740	3.51	482						
1490864 HILLMAC MASTER DARKIE.....*	21-10	17	1	5-11,12,	18	1.0	16,003	3.60	576	6	47	+165	-.02	+3	+7
02-24-65 010259958 011550909 5-71				14,16,21	23		15,841	3.64	577						
1490950 ELLINGDALE M V ECHO.....	41-01	39	1	2-34,41	43	1.0	14,435	3.62	522	19	68	-141	+.02	-3	-6
02-28-65 1242338 4275784 5-71					21		14,722	3.61	531						
1491000 ROL-8ET A IVANHOE 8URKGOV JIM.*	35-75	11	2	7-21,31,	15	1.0	19,487	3.36	655	13	41	+1,120	-.10	+26	+51
12-01-65 1189870 5700842 5-71				35,41,91	29		17,045	3.53	601						
1491007 ROUND OAK RAG APPLE ELEVATION.	61-02	32	1	3-52,54,	37	1.0	16,815	3.55	597	5	64	+879	-.06	+23	+42
08-30-65 1271810 5749758 5-71				55	20		15,606	3.63	567						
1491012 ROUND OAK EX LANCER.....		1	14	1-52	14	1.0	15,876	3.82	607	0	19	+75	-.01	+2	+4
01-21-65 1400615 5284574 5-71					14		15,661	3.86	605						
1491061 WALHOWDON LESEYLA NUGGET.....*		4	5	2-11,13	11	1.0	16,936	3.78	640	0	26	+436	+.02	+19	+27
09-03-65 1418863 5535752 5-71					22		15,384	3.72	573						
1491088 WHITTIER-FARMS GLAMOUR HARRY..*	21-10	15	1	4-12,13,	17	1.0	16,508	3.74	617	24	45	-158	+.04	0	-4
11-19-65 1282185 4724353 5-71				14,21	25		17,184	3.67	631						
1491209 GLENVUE PINEYHILL SLALOM.....		1	18	1-93	18	1.0	15,857	3.40	539	11	20	+92	-.02	+1	+3
04-07-64 010263781 6011365 5-71					45		15,568	3.47	540						
1491220 HOME-LINK IMPERIAL A88EKERK...		1	10	1-35	10	1.0	18,633	3.21	599	10	18	+573	-.03	+17	+29
12-02-65 1242221 4536527 5-71					15		15,560	3.25	505						
1491259 DEAN KORNOYKE RAG APPLE SPICE.		1	12	1-21	12	1.0	12,041	3.56	429	33	19	-339	+.02	-9	-16
08-04-65 1240125 5434328 1-71					98		13,863	3.46	480						
1491314 SMITHLAND NOEL FRITZ.....*		1	11	1-21	11	1.0	15,736	3.49	549	9	18	+315	-.01	+10	+16
09-03-65 1315498 4489170 5-71					37		14,015	3.52	493						
1491451 WILLOW-MERE REFLECTOR OAGAN...		1	12	1-87	12	1.1	15,374	3.56	547	17	19	+62	+.03	+6	+7
07-27-65 1223243 5162546 5-71					43		15,172	3.39	515						
1491516 MEADOWILL CHRISTOPHER.....*		4	4	2-35,56	10	1.1	15,770	3.68	581	10	26	+83	+.01	+4	+5
01-28-65 1378594 4838100 1-71					30		15,618	3.68	574						
1491545 LOCHLAND CONSTELLATION.....	41-25	28	2	4-35,41,	35	1.0	14,859	3.62	538	11	61	+126	-.05	-2	+2
09-19-65 1250772 4686710 5-71				42,47	19		14,733	3.72	548						
1491590 SUNNYSIDE-M SUPREME.....	41-01	28	2	1-41	32	1.0	13,114	3.61	474	28	60	-1,015	+.01	-35	-55
04-20-65 1347065 3745107 5-71					25		14,919	3.61	538						
1491631 GAY-THEL PANZY FO8ES DELIGHT..*		1	10	1-31	10	1.0	16,001	3.59	575	20	18	-12	.00	0	0
08-23-65 1077788 4657638 5-71					19		16,312	3.56	581						
1491756 HIGHER VIEW THONYMA SOV-TWIN..*		1	12	1-48	12	1.0	12,118	3.44	417	0	19	-150	.00	-6	-9
01-08-65 1157416 5149871 5-71					13		12,818	3.49	447						
1491812 GREGERSEN AMERICAN RO8URKE....		1	10	1-41	10	1.0	15,261	3.47	529	10	18	-43	-.01	-3	-4
10-05-65 1291784 5186237 5-71					8		15,682	3.56	558						
1491816 ARROW-VALLEY SOVEREIGN.....		2	7	1-35	11	1.0	15,124	3.76	568	9	23	-193	+.05	0	-5
10-16-65 1366229 4861307 5-71					18		16,187	3.59	581						
1491821 HILL HEIGHTS LIVELY DAGAN.....*	23-13	40	1	2-22,23	43	1.0	15,503	3.61	560	19	68	+199	-.05	0	+5
08-08-65 1223243 3622043 5-71					23		15,350	3.69	566						
1491830 LIME HOLLOW STYLEMASTER.....	35-75	13	2	9-21,23,	16	1.0	16,072	3.55	570	25	43	+47	-.07	-8	-5
12-23-65 1175471 5388147 5-71				31,35,55	37		16,185	3.71	600						
1491832 OEDOCO K M SARG.....		1	10	1-35	10	1.0	15,370	3.93	604	10	18	-58	+.03	+2	0
08-27-65 1283536 4522615 1-71					23		15,899	3.78	601						
1491857 ST CROIXCO SUPREME LARK.....*		2	9	1-35	11	1.1	14,014	3.47	486	14	21	-18	-.06	-9	-8
04-16-65 1347065 4808023 5-71					15		14,124	3.81	538						
1491858 DIAMOND S 8EAUTY VAR PONTIFF..*		3	25	1-93	29	1.3	17,685	3.55	627	24	26	+127	-.03	0	+3
09-11-64 1240549 4403586 5-71					121		17,554	3.66	643						
1491931 LOYALMEADE LOYAL ROMEO.....*		1	13	1-23	13	1.0	14,465	3.57	516	8	19	-118	-.01	-5	-7
08-01-65 1283313 4463657 5-71					28		15,218	3.61	550						
1491981 FLORENDEL IVANHOE LEO-TWIN....*	61-02	22	1	4-31,33,	23	1.0	16,207	3.57	579	13	53	+760	-.06	+18	+35
09-16-65 1189870 4575664 5-71				42,74	23		14,877	3.70	551						
1492023 DAVISLAWN DAGAN DEAN PRINCE...*	21-10	16	1	3-11,16,	16	1.0	17,271	3.56	614	19	44	+420	-.01	+13	+22
09-02-65 1223243 4271670 5-71				21	30		16,589	3.57	593						
1492073 ROSAFE CITATION R.....*	33-03	292	4	32-21,23,	462	2.0	14,999	3.56	534	**	95	+226	-.06	0	+6
09-29-58 010198998 010547099 1-71				32,34,86	30		14,853	3.63	539						
1492088 WILLANN DOMINATOR MAPLE JOE...*		1	12	1-35	12	1.5	17,639	3.68	649	0	21	+421	-.02	+13	+22
07-24-64 1386406 4159594 5-71					17		15,821	3.77	596						
1492241 DUNGA 8ROOK INKA 8URGENE.....*	21-10	25	1	5-11,12,	25	1.0	16,190	3.60	583	4	56	+333	-.01	+11	+18
01-25-65 1278644 5626590 5-71				13,15,21	22		15,773	3.61	570						
1492243 JO-EL RE8US DE KOL SAM.....	21-10	15	1	5-11,13,	16	1.0	18,272	3.44	628	6	44	+1,035	-.12	+20	+43
09-30-65 1221835 5219247 5-71				14,16,21	24		16,139	3.66	591						
1492244 SOUTHWIND JULE GRECO.....*		2	9	1-74	11	1.2	13,789	3.41	470	9	21	-103	+.03	0	-3
05-24-64 1303076 4198209 5-71					34		14,324	3.31	474						
1492328 LOCHLAND ELEGANT.....		2	9	1-41	11	1.0	16,801	3.21	540	9	20	+364	-.04	+7	+15
03-09-65 1450326 5533011 5-71					18		15,098	3.34	505						
1492336 8ROOKFIELD LEADER LANCELOT....		4	11	1-52	20	1.2	13,666	3.51	479	26	30	-189	-.03	-11	-14
04-10-64 1421505 3612495 5-71					24		14,331	3.64	522						
1492372 STEU8INGS HOUDINI CRESCENT....*		2	14	1-74	16	1.3	16,759	3.36	563	0	23	+72	.00	+2	+4
01-31-64 1238438 4327791 5-71					22		16,724	3.34	559						
1492374 UK SOMETHING SPECIAL.....	61-02	20	2	3-31,61,	30	1.0	13,839	3.51	486	10	57	-540	-.01	-21	-31
07-07-65 1282185 5489617 5-71				74	22		14,883	3.55	528						
1492386 SONG-MT MASTER DUDE.....*		2	9	1-21	12	1.1	13,158	3.61	475	8	23	-274	+.04	-4	-10
05-13-65 1380945 4575287 5-71					17		14,428	3.45	498						
1492402 LEDGEHOLM GIANT ELM.....*		4	6	1-13	14	1.1	16,398	3.43	563	33	30	+266	-.02	+7	+13
03-31-64 1225883 4889939 5-71					20		15,668	3.48	545						
1492445 OAK GREEN ADMIRAL PRIDE.....*		16	2	4-31,52,	24	1.2	15,332	3.38	518	10	52	+251	-.09	-4	+3
10-16-64 1237057 3801852 5-71				55,56	17		14,954	3.55	531						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST REPT INC	%	PREDICTED DIFFERENCES MILK	%	FAT	$$
1492486 ROBTHOM MONARCH VOYAGEUR.....	48-01	21	1	1-48	27	1.0	16,192	3.25	526	7	56	+876	-.19	+4	+26
09-13-65 1210507 5189174 5-71					34		14,703	3.54	520						
1492541 LOCHLAND R A BEN GAY.....		1	10	1-41	10	1.0	15,294	3.54	541	60	18	-97	-.03	-8	-9
09-16-65 1402113 4977403 5-71					14		16,061	3.73	599						
1492542 LOCHLAND R A LAIRD.....		3	9	1-41	21	1.0	16,665	3.32	554	5	33	+469	-.10	+2	+14
10-27-65 1402113 5480928 5-71					14		15,380	3.59	552						
1492600 ATHLONE STAR-DUST.....*		3	4	2-48,74	12	1.0	14,278	3.75	535	17	29	-5	+.02	+2	+2
10-13-65 1410984 5212708 5-71					50		14,339	3.70	530						
1492632 PUELICHER ADMIRATION HOMESTEAD*		9	2	4-51,52,	12	1.5	15,893	3.66	581	8	39	+486	+.02	+20	+29
10-27-63 1358647 4890397 5-71				55,57	18		14,717	3.61	532						
1492650 LITTLE-RIVER-SC GRACE SOV-TWIN*		1	10	1-56	10	1.0	14,398	3.89	560	10	18	-67	+.01	-1	-3
06-15-64 1423270 4395856 1-71					47		14,878	3.91	582						
1492792 DIAMOND S BVAR GUARD.....*		4	4	2-86,93	12	1.0	14,578	3.62	527	9	29	-374	+.04	-8	-16
11-28-64 1240549 4214019 5-71					79		16,101	3.52	566						
1492836 F&G-ACRES REKLAW WANDA POSCH..		1	14	1-42	14	1.0	11,648	3.48	405	0	19	-27	.00	-1	-2
04-09-65 1435134 5191301 5-71					4		11,553	3.49	403						
1492861 GRAVEL CREEK KNIGHT INKA.....*		3	6	2-33,35	14	1.0	14,660	3.62	531	0	28	+99	-.02	+1	+3
10-04-65 1242221 3905237 5-71					25		14,346	3.69	529						
1492877 LAKE AIRE JUBLENT HEADMASTER..*		1	10	1-74	10	1.0	16,233	3.57	579	30	18	-99	.00	-3	-5
10-30-65 1349029 6220272 5-71					98		17,116	3.59	614						
1492913 SMITHCREST SKYLARK BELLE BOY..	35-75	15	1	7-23,32,	19	1.0	15,512	3.51	544	16	47	-250	-.07	-19	-22
07-29-65 1239242 5971176 5-71				34,35,93	33		16,278	3.66	595						
1492928 COLDSPRINGS LADMASTER POLARIS.	61-02	33	2	3-51,52,	49	1.0	15,211	3.56	542	10	68	-42	-.02	-4	-4
08-03-65 1122127 3634827 5-71				55	33		15,422	3.60	555						
1492986 CHARJON SENGOV MASTER.....		1	11	1-84	11	1.0	14,683	3.04	446	9	18	-20	-.04	-6	-5
09-02-65 1431216 5287158 5-71					33		14,896	3.24	482						
1493324 LEHO ONYX STAR KING.....		1	12	1-43	12	1.0	10,516	3.48	366	8	19	-125	+.01	-3	-6
11-18-65 1338479 4638067 5-71					8		10,885	3.43	373						
1493360 DROWN FARM SENSATION H CHIEF..*		1	10	1-13	10	1.0	16,678	3.64	607	0	18	+352	-.03	+8	+16
11-28-65 1298372 4500854 5-71					21		14,774	3.84	567						
1493435 DIAMOND S KNIGHT SON.....	93-16	3	6	1-93	12	1.0	21,134	3.17	670	0	26	+860	-.15	+9	+30
06-06-65 1242221 4186642 5-71					123		18,200	3.56	648						
1493459 X-L-FARM EDELE TIDY INKA MAJOR		1	15	1-32	15	1.1	13,526	3.56	482	23	20	+89	-.03	-1	+1
06-07-64 1258120 5105854 5-71					9		12,985	3.76	488						
1493463 ELLINGDALE M V FIRST CHOICE...	41-01	31	1	1-41	36	1.0	14,030	3.62	508	8	63	-262	-.01	-11	-16
04-14-65 1307195 4292482 5-71					20		14,505	3.65	530						
1493531 LO-JO CHIEFTAIN SULTAN.....		1	12	1-33	12	1.7	14,331	3.48	499	8	22	+133	-.03	0	+3
03-30-64 1396932 5306631 5-71					6		13,698	3.67	503						
1493588 EDELMA MASTER ED.....	61-02	10	1	3-31,33,	12	1.0	14,118	3.62	511	25	36	-218	-.02	-11	-15
10-02-65 1282185 5071140 5-71				74	15		14,805	3.71	550						
1493643 KLEVER HURLWOOD BELMONT DEMAND*	21-10	11	1	3-11,13,	11	1.0	15,825	3.42	541	18	35	-103	-.07	-14	-14
11-13-65 1035164 5065426 5-71				21	22		16,361	3.61	591						
1493686 PACLAMAR CITATION M.....*	31-02	73	2	18-23,31,	93	1.0	15,011	3.69	554	11	81	+241	+.04	+14	+18
09-25-65 1492073 4141507 5-71				32,43,55	17		14,799	3.65	540						
1493743 ANOKASTAT TOP PERFECTION.....	41-01	9	2	2-41,42	11	1.0	14,535	3.73	542	50	34	-220	+.04	-3	-8
08-24-65 1307195 4273346 5-71					17		15,326	3.65	559						
1493784 BURKE SUNNY OAK DUKE POSCH....		1	21	1-42	21	1.1	11,899	4.09	487	10	22	-242	+.05	-2	-8
12-11-63 1216567 4722885 5-71					9		12,911	3.88	501						
1493869 AIRY RIDGE CHARITY MONCADER...*	21-10	13	1	2-14,21	15	1.0	14,573	3.44	501	7	42	-709	+.01	-24	-38
12-03-65 1235822 4959345 5-71					17		16,516	3.43	567						
1493964 WEISS-ACRES IMPERIAL ROCK.....*		2	15	1-21	17	1.4	14,235	3.71	528	33	24	-278	+.07	0	-7
04-10-64 1389850 5651602 5-71					41		15,569	3.44	535						
1494122 HI-FI FARM X DORA SAM.....*		2	8	1-21	10	1.7	16,555	3.45	571	10	23	+255	-.03	+5	+11
04-13-64 1378594 4368751 5-71					16		15,611	3.56	556						
1494137 METCALFS RAG APPLE TRIUMPH....*	21-10	14	1	4-11,13,	14	1.0	16,406	3.49	572	14	41	-15	-.04	-6	-5
09-03-65 1215995 4858684 5-71				16,21	16		16,723	3.58	599						
1494151 WESTPORT POSCH MUTUAL.....		1	18	1-93	18	1.0	15,376	3.54	544	50	20	-805	+.08	-19	-37
12-15-64 1284782 4088253 5-71					140		19,924	3.30	658						
1494192 KYLAND GRAND FELLOW.....*		1	16	1-35	16	1.0	14,912	3.59	536	6	20	+3	.00	0	0
03-10-65 1293254 4588404 5-71					34		15,001	3.63	544						
1494311 LORENZ JESS DESIGN.....		1	11	1-41	11	1.0	16,225	3.34	542	18	18	+433	-.03	+12	+21
09-05-65 1216957 5636131 1-71					13		13,834	3.42	473						
1494330 DWB PANDA CAPTAIN MARKSMAN....		1	31	1-91	31	2.3	15,036	3.24	487	8	28	-50	-.07	-12	-11
06-24-62 1144239 4695316 5-71					37		15,361	3.50	537						
1494331 DWB PANDA ACE DICK.....		1	17	1-91	17	1.2	12,543	3.40	426	6	21	-559	+.04	-15	-27
07-04-64 1305813 4695316 5-71					38		15,297	3.29	503						
1494349 REESON LEADER PRINCE.....*		1	12	1-41	12	1.0	13,529	3.61	488	25	19	-66	+.02	0	-2
10-19-65 1216957 4517782 5-71					22		13,883	3.56	494						
1494451 CURTISDALE ORMSBY ADMIRAL.....*		1	13	1-35	13	1.2	11,930	3.53	421	8	20	-318	-.01	-13	-19
11-01-64 1335721 5748599 5-71					10		13,494	3.62	489						
1494483 WILBERN CHAMPION MIKE.....		1	11	1-41	11	1.0	13,852	3.60	499	27	18	-65	-.02	-5	-6
10-13-65 1442039 5829642 5-71					13		14,247	3.76	536						
1494507 HOWACRES GRANDIER GYPSIE-TWIN.*	21-10	46	1	6-11,12,	52	1.0	14,934	3.62	540	25	72	-654	+.03	-19	-33
10-21-65 1277619 4820039 5-71				13,16,21	25		16,061	3.58	575						
1494508 HOWACRES GRANDIER PIONEER-TWIN	23-13	14	1	3-21,51,	18	1.0	15,278	3.57	546	12	46	+134	-.06	-4	0
10-21-65 1277619 4820039 5-71				54	30		15,103	3.73	563						
1494600 GILMORE IDEAL SUPREME-TWIN....		1	18	1-91	18	1.0	14,856	3.61	537	7	20	+288	.00	+10	+16
03-19-64 010261534 011511417 5-71					28		13,387	3.62	484						
1494639 AJRF GLAMOUR BOY ABC HECTOR...*		1	22	1-84	22	1.0	15,461	3.75	580	14	21	+132	+.02	+8	+10
02-21-65 1282185 4600738 5-71					83		14,939	3.65	546						
1494749 GWENDALE ELEVATION BUTTERFLY..*		1	12	1-55	12	1.0	17,261	3.52	608	8	19	+355	+.02	+15	+22
05-10-65 1271810 4759490 5-71					30		15,508	3.41	529						
1494774 RAVENDALE R PRINCE SENATOR....		2	11	1-33	13	1.0	15,633	3.30	516	0	21	+134	-.06	-4	0
03-20-65 1233704 5015273 5-71					50		15,104	3.59	542						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1494859 U-T PIONEER EMPEROR.....	61-02	8	3	2-52,63	13	1.0	15,252	3.65	557		8	34	-367	+.01	-12	-19
11-11-65 1352953 5442858 5-71					29		16,585	3.64	604							
1494862 MANORMEAD REFLECTION BELL BOY.		1	14	1-23	14	1.4	16,230	3.56	577		23	22	+472	-.02	+14	+24
03-20-63 1321903 4103581 9-70					10		14,045	3.65	512							
1494903 DIMOEN COUNT MAY DEAN.....		2	9	1-35	18	1.0	12,734	3.46	440		22	29	+34	-.04	-4	-2
02-11-65 1436607 4861803 5-71					17		12,471	3.62	451							
1495135 UTAG IVANHOE SIZZLER.....	35-75	8	2	6-23,41,	11	1.0	18,330	3.59	658		0	33	+693	.00	+25	+39
01-04-66 1189870 5807050 5-71				82,87,93	33		16,498	3.59	593							
1495167 LOGIL PATRICIAN.....*		1	11	1-57	11	1.0	17,261	3.52	608		0	18	+204	+.01	+9	+13
07-09-65 1098656 5488600 5-71					46		16,384	3.44	564							
1495186 NESRETEP DOUBLE PABST.....		1	12	1-42	12	1.0	17,070	3.30	564		17	19	+448	-.04	+11	+21
10-13-65 1333705 5510425 5-71					51		14,741	3.44	507							
1495231 TIMOOCK PAUL PLUTOCRAT.....*		4	10	1-21	21	1.2	12,205	3.14	383		10	32	-230	-.06	-16	-19
09-28-64 1405113 4260823 5-71					20		12,806	3.34	428							
1495251 WLCO CYCLONE PETE.....		1	22	1-31	22	1.0	12,680	3.51	445		36	21	-460	-.03	-20	-29
01-23-65 1341149 4081325 5-71					45		14,955	3.65	546							
1495363 ROLLINGWOOD KEYSTONE.....		1	11	1-52	11	1.5	12,180	3.91	476		36	20	-414	+.04	-10	-19
03-26-64 1291028 4699728 5-71					10		14,255	3.74	533							
1495387 VALLEY CREST IVAN NELL PETE...*		4	6	1-13	13	1.0	14,589	3.74	545		17	28	-142	+.02	-2	-5
03-03-65 1397406 5135062 5-71					37		15,236	3.68	560							
1495442 DIAMOND J OUSTY FRANCHISE.....*		1	15	1-93	15	1.0	17,377	3.73	649		13	20	+6	+.03	+5	+4
10-24-65 1205185 5216818 5-71					121		17,722	3.61	639							
1495471 WINSOR ACRES PERCY ORLO.....	21-10	12	1	5-11,12,	13	1.0	15,113	3.62	547		8	39	-33	+.01	0	-1
01-12-66 1348259 5243436 5-71				13,16,21	19		15,340	3.62	555							
1495481 WAL-CO-FARM ARTHUR REFLECTION.*		4	6	3-35,47,	11	1.0	15,244	3.95	602		0	24	+153	-.03	+1	+5
07-08-65 1445718 5683199 5-71				63	33		14,682	4.15	609							
1495537 SMITHOLM CHAMBRIC LUIS.....*		3	6	1-93	11	1.0	10,626	3.91	416		0	24	-966	+.05	-28	-48
11-20-65 1425137 5761834 5-71					54		14,791	3.66	541							
1495676 MOLERLANO LUCIFER REPETE-TWIN.		2	18	1-54	22	1.4	11,738	3.58	420		0	26	+340	-.01	+11	+18
02-24-64 1373098 4509065 5-71					11		10,028	3.61	362							
1495772 ROYVIN PETRUS LAUREL.....		2	16	1-42	18	1.0	15,006	3.80	570		0	22	-133	+.06	+4	0
08-30-65 1422258 5522808 5-71					32		15,807	3.52	557							
1495780 JAMESTOWN SENATOR BURKE.....		3	9	1-41	17	1.7	14,084	3.78	532		0	33	-247	+.04	-4	-10
09-25-64 1252985 4025482 5-71					13		14,935	3.69	551							
1495854 MONOPOLY WILBUR.....*		3	10	1-34	14	1.4	14,132	4.22	596		33	25	+199	+.11	+23	+24
11-15-64 1290182 5654720 5-71					30		13,260	3.79	503							
1495881 KEL-B IMPERIAL TRIUNE.....*	35-05	13	1	4-33,35,	16	1.0	17,070	3.68	628		13	43	+1,047	-.03	+34	+55
11-12-65 1242221 4556266 5-71				65,91	14		14,731	3.77	555							
1495965 WEBB-VUE RAVEN OVATION.....		1	17	1-35	17	1.0	17,896	3.27	585		18	20	+338	-.13	-6	+4
07-13-65 1439142 4824381 5-71					17		16,474	3.85	635							
1495985 KEN-MARK TOPCROSS.....*		3	5	1-41	10	1.0	14,232	4.34	618		0	23	-340	+.11	+3	-6
11-04-65 1378594 4914648 5-71					20		15,895	3.89	618							
1495998 ROMANOALE GOVERNOR SATURN.....*		7	7	2-14,21	19	1.0	14,792	3.56	527		16	33	-456	+.03	-13	-23
01-01-64 010283047 011736058 5-71					54		16,411	3.51	576							
1496065 DYOLL SEGIS COCHRAN.....*		1	16	1-21	16	1.3	14,429	3.35	484		19	21	-345	-.03	-17	-23
09-13-64 1215402 5185547 5-71					17		16,296	3.53	576							
1496096 MARCREST CARMICHAEL.....		1	11	1-93	11	1.0	16,374	3.12	511		0	18	+176	-.08	-5	0
10-21-65 1459996 5620533 5-71					50		15,568	3.51	547							
1496164 SAPA SKA TRIUMPH COMRE.....	35-21	28	2	4-35,41,	36	1.0	13,934	3.67	511		22	61	-374	.00	-13	-20
06-09-65 1242338 4420356 5-71				42,47	20		14,616	3.67	537							
1496190 EJLANE MICHAEL.....*		1	11	1-32	11	1.0	15,483	3.44	533		18	18	+232	-.02	+5	+10
07-30-64 1413027 5208691 5-71					26		14,239	3.55	506							
1496330 EIPPERHURST ADMIRAL INSIGNIA..	61-02	20	1	5-31,33,	24	1.0	14,434	3.40	491		21	53	-179	-.10	-20	-21
05-21-65 1237057 4671977 5-71				35,61,74	27		14,863	3.59	533							
1496425 HEDGECREST ROBURKE.....		1	10	1-63	10	1.0	11,412	3.97	453		20	18	-411	+.08	-4	-14
01-18-65 1303900 5508982 5-71					2		13,718	3.48	478							
1496455 APPLE ACRES INSIGNIA COMBO....		1	11	1-41	11	1.0	14,105	3.42	482		0	18	+19	-.03	-3	-2
10-09-65 1179372 4846931 5-71					22		14,005	3.62	507							
1496583 RICH-HERD TEXAL REFLECTION....*		2	14	1-47	16	1.0	14,993	3.82	573		6	21	-87	+.05	+4	+1
10-17-65 1459996 5355851 5-71					71		15,569	3.60	561							
1496584 NY-SUNNY-KNOLLS POSCH ADMIRAL.*		1	12	1-21	12	1.0	14,393	3.25	468		8	19	+3	-.03	-4	-3
03-31-65 1237057 4607258 5-71					19		14,426	3.44	496							
1496605 GLASSCO ROBURKE FAYNE.....*		4	3	1-21	10	1.1	17,434	3.28	572		29	29	+547	-.09	+6	+19
06-11-64 1184848 5169698 5-71					18		15,691	3.54	556							
1496627 AHRENS CREAMELLE IKE.....*		2	13	1-35	15	1.0	10,526	3.90	411		27	21	-670	+.07	-15	-30
10-18-64 1314767 4703552 5-71					44		13,663	3.56	486							
1496636 ELEVATION FORTUNE CROSS.....	48-01	25	2	1-48	35	1.0	16,629	3.56	592		3	61	+746	+.06	+35	+48
11-12-65 1378594 4580282 5-71					20		15,576	3.46	539							
1496780 NELWOOD MASTER COMRE.....	35-21	19	2	2-35,41	25	1.0	14,060	3.82	537		4	52	-484	+.04	-12	-23
09-26-65 1242338 4834827 5-71					15		15,102	3.77	569							
1497030 OXFORD HEIGHTS TRIUNE BLAZER..*		5	4	2-14,21	13	1.0	14,192	3.86	548		38	31	-270	+.03	-6	-12
03-23-65 1443217 3883766 5-71					38		15,183	3.81	578							
1497167 GRAY VIEW X ADMIRER.....*		2	9	1-42	11	1.0	14,070	3.75	528		18	20	-59	+.03	+2	0
12-07-65 1378594 5399963 5-71					24		14,420	3.59	518							
1497189 NEMAHA COUNT.....*		1	13	1-48	13	1.4	12,521	3.89	487		0	21	-129	+.03	C	-3
09-26-64 1428519 5473003 5-71					50		13,052	3.78	493							
1497230 HEUERS REFLECTION SUPREME.....		2	9	2-41,43	11	1.0	14,249	3.57	508		9	20	-91	-.03	-8	-9
02-15-66 1459996 6012969 5-71					13		14,795	3.76	557							
1497302 SAR-BEN DUKE MAN.....	35-75	12	1	9-23,31,	14	1.0	14,966	3.51	526		0	40	-101	-.07	-14	-14
12-05-65 1035164 3993271 5-71				32,34,55	20		15,359	3.70	569							
1497355 DEE ANN ECHO SUN.....*		4	11	1-84	20	1.0	18,303	3.40	622		20	29	+354	-.01	+11	+18
09-21-65 1230610 5848067 5-71					10		17,437	3.41	594							
1497394 BAR-BROS PEACEFUL MASTER.....		1	13	1-48	13	1.2	15,933	3.69	588		15	20	-122	.00	-4	-6
04-28-65 1289574 4896709 5-71					18		16,844	3.71	625							

REGISTRATION NUMBER NAME DF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1497722 CDLLINS-CREST TRAVELER.....*	21-1D	24	1	4-11,12,	25	1.0	16,128	3.47	56D		16	56	+122	-.05	-3	+1
12-18-65 118987D 5D58531 5-71				16,21	21		16,127	3.56	574							
1497731 ED-RAY-MA LEANDER DUKE.....		1	11	1-41	11	1.D	15,155	3.27	495		9	18	-11D	-.03	-8	-9
11-12-65 1432311 53567D5 5-71					19		15,968	3.43	548							
1497798 LUCKY DAK RIDGES TED.....*		3	8	2-35,73	11	1.0	14,787	3.47	513	2D	22		+92	-.04	-2	+1
11-15-64 01D285087 011766722 5-71					33		14,414	3.68	53D							
1497898 VDL TIDY COMET SUPREME.....*		3	9	1-63	12	1.3	14,6D3	3.80	555		13	24	+26	+.04	+6	+6
11-24-64 1283917 4592384 5-71					21		14,554	3.67	534							
1497996 MAPLETON SKOKIE HAROLD LAD....*		1	12	1-34	12	1.1	12,691	3.24	411		36	19	-179	-.D2	-9	-12
D7-01-65 1438372 5269566 5-71					12		13,606	3.37	458							
1498DD5 GLENALCOM8 HI VENTURE.....*	35-D5	11	1	4-32,35,	13	1.0	13,586	3.82	519		23	38	-620	+.D3	-18	-31
05-01-65 010264804 010883204 5-71				41,42	2D		15,361	3.74	575							
1498D94 STAN-8ITZIE RD8URKE LAD.....		1	12	1-13	12	1.3	15,DD4	3.63	544		17	20	-80	+.D3	+1	-1
06-18-64 1204108 5730696 5-71					40		15,567	3.48	542							
1498120 TIPSTAR CAPTAIN DOWNSHIRE.....		2	10	1-32	12	1.0	12,041	3.54	426		D	2D	-269	.D0	-10	-15
08-15-65 1478809 4391565 5-71					3D		13,299	3.59	478							
1498146 GLDRIELUMAE PONTIAC PLUTD.....*		1	10	1-11	1D	1.2	18,973	3.89	738		1D	19	+3D7	-.01	+10	+16
12-03-64 1445049 6127948 5-71					11		17,700	3.99	707							
1498154 DAK PATH GODFREY KING.....		3	10	1-41	14	1.2	16,349	3.76	615		D	24	+213	-.D3	+4	+9
06-15-64 1331314 4555774 5-71					7		15,624	3.89	607							
1498179 HJERMSTAD MISTER ECHO.....		1	16	1-41	16	1.1	13,619	3.96	539		D	20	-262	+.07	0	-7
1D-14-64 1453818 5243927 1-71					27		15,022	3.65	549							
1498220 SKYLINER TOITILLA PIEBE.....		1	10	1-45	10	1.D	14,47D	3.33	482		0	18	+174	-.04	+1	+5
02-26-65 1244845 5042000 5-71					2D		13,436	3.54	476							
1498334 TRIPLE C LYNDON SKYCHIEF.....*		1	11	1-48	11	1.0	8,691	3.45	3DD		36	18	-768	+.06	-20	-37
1D-10-64 1233487 4481330 5-71					66		12,805	3.16	4D5							
1498343 PILOT-GROVE CHAL HOMESTEAD....*		1	10	1-42	10	1.0	14,499	3.84	557		0	18	-2D6	+.01	-6	-10
11-22-64 1422586 4368268 5-71					28		15,862	3.85	610							
1498460 N M A C REFLECTOR RD8URKE.....*		1	13	1-85	13	1.0	17,0D6	3.25	553		8	19	+463	-.02	+14	+24
D6-19-65 1298831 48715D0 5-71					60		14,641	3.24	475							
1498624 CON8A IDEAL FANCY KING.....*		1	19	1-48	19	1.2	15,253	3.40	518		11	22	-146	-.04	-11	-13
10-D7-64 1397054 4714499 5-71					9		16,156	3.61	584							
1498629 REFLECTION NORTH STAR CHARLIE.*		2	7	1-21	10	1.1	13,209	3.51	464		20	22	-249	-.02	-12	-16
10-25-63 010280578 011529658 5-71					11		14,402	3.64	524							
1498804 LEEVALE RE8UR PUNCH SUPREME...		2	9	1-42	14	1.0	17,849	3.57	638		21	24	+534	-.01	+18	+29
09-11-65 1347065 5572405 5-71					18		15,813	3.59	568							
1498820 OLD LAND RAG APPLE SENTRY.....*		2	8	1-35	10	1.0	14,915	3.53	526		40	2D	-225	-.03	-12	-16
09-11-65 1420413 5235678 5-71					15		16,311	3.68	6D1							
1498828 NEDRO8 LILLY JANET ELMER.....		1	10	1-46	10	1.D	12,967	3.45	448		0	18	-30	+.01	0	-1
08-D6-65 1405743 5526282 5-71					9		13,055	3.39	442							
1498857 LINMACK CAVALIER.....*		2	13	1-21	17	1.0	13,746	3.72	512		18	23	-113	+.D3	0	-3
04-27-63 1492073 011171915 5-71					2D		14,274	3.61	516							
1499D40 HILLTOP SKY PETE.....*		3	4	2-21,23	11	1.0	14,977	3.56	533		70	27	-331	+.D4	-7	-14
10-16-64 1416011 5185585 5-71					12		16,467	3.46	57D							
1499191 8ROWNSON GRAPHIC VENTURE.....*		1	14	1-34	14	1.D	14,701	3.32	488		9	19	+117	-.03	0	+3
D7-12-65 1320015 5472948 5-71					19		14,111	3.43	484							
1499314 RO8URKE SKYWAY DOU8LE.....*		3	4	1-41	13	1.0	12,027	3.30	397		23	30	-433	-.05	-23	-30
07-07-65 1396885 4419507 5-71					10		13,401	3.54	474							
1499339 HARTS8ROOK SUPREME STAR.....*		2	20	1-21	22	1.0	14,148	3.68	521		0	22	-44	.00	-2	-3
11-28-65 141D984 5054113 5-71					18		14,395	3.72	536							
1499368 DON AUGUR FAMILY PROGRESS.....*	35-05	10	1	3-34,35,	13	1.0	17,717	3.49	619		23	38	+789	-.09	+15	+33
09-24-65 1415806 3925133 5-71				42	18		15,828	3.71	588							
1499580 RUANN KNIGHT TRIUNE.....		1	14	1-93	14	1.0	17,886	3.52	63D		14	19	+184	+.03	+11	+14
D3-02-65 1242221 4644464 5-71					20		17,263	3.35	578							
1499581 FRANLANE 8LACK KNIGHT.....	91-11	5	4	1-93	15	1.0	18,426	3.58	659		7	33	+577	.00	+21	+32
05-23-65 1242221 4174453 5-71					73		16,999	3.57	607							
1499792 AGRO ACRES MARQUIS TRIUMPH....*		8	2	3-52,54,	13	1.2	15,552	3.54	551		20	37	+19D	-.D2	+4	+8
11-06-64 010260008 011383622 5-71				55	13		15,164	3.58	543							
1499914 JOLUDI 8A VAR JOE.....		1	11	1-93	11	1.0	14,386	3.66	526		18	18	-297	+.D3	-6	-13
12-28-65 1240549 4397527 5-71					127		16,257	3.52	572							
1499988 SCO8AR CRISSCROSS KATASTROPHE.*		2	5	1-21	10	1.0	14,185	3.65	518		10	24	-237	+.03	-5	-10
08-04-65 1378594 3485974 5-71					32		15,333	3.56	546							
1500063 LHS LUCIFER SKYLINER KEN.....		2	13	1-34	23	1.0	16,778	3.58	601		33	29	+216	-.01	+7	+11
D8-26-64 1290182 5389234 5-71					30		16,270	3.59	584							
1500D74 WILLOW-HILL VAR PONTIAC.....		1	12	1-34	12	1.0	13,874	3.58	496		11	19	-211	.D0	-8	-12
07-30-64 1397752 442D145 5-71					19		15,134	3.63	549							
1500118 VERNWAY REGIUS DIAMOND.....*		2	12	1-91	14	1.5	15,347	3.83	588		0	24	-3	+.D7	+9	+7
11-28-64 1439051 4996521 5-71					39		15,520	3.59	557							
150D143 RINKLESOK DUKE.....		1	11	1-93	11	1.0	17,270	3.65	631		D	18	-24	+.03	+4	+3
05-D8-65 1288610 5467840 5-71					52		17,790	3.5D	622							
1500182 FRAN-LOU SPARTACUS.....*		2	8	1-23	1o	1.0	14,218	3.64	517		19	28	-374	+.03	-10	-18
11-D8-65 010229512 4480603 5-71					14		15,733	3.57	561							
1500300 ROJEN LESTER LEADSMAN.....*		1	10	1-21	1D	1.0	16,913	3.87	655		0	18	+278	+.03	+14	+19
07-31-64 129D616 5684171 5-71					18		15,499	3.75	581							
1500395 KANAWAKA GRAND GOV.....	48-D1	11	1	2-48,73	13	1.0	15,331	3.46	531		23	38	+214	-.01	+6	+11
01-30-66 1277619 5391804 5-71					4D		14,864	3.48	518							
15D0410 DELMORA H P D KING.....*		2	13	1-34	19	1.2	13,292	3.63	483		40	27	-339	-.01	-13	-20
09-25-64 1387977 5391620 5-71					11		14,609	3.67	536							
1500453 DANDY-LANE COMET ROMEO.....*		2	8	1-34	16	2.4	12,889	3.06	395		13	35	+61	-.16	-20	-15
05-22-60 1283313 3541277 5-71					5		12,577	3.57	449							
15D0611 MENDELSSOHN MAGIC IVANHOE.....*		1	11	1-51	11	1.D	14,243	3.85	549		9	18	-48	+.01	0	-1
03-07-65 136D955 5335764 5-71					13		14,574	3.79	552							
1500728 SUNFLOWER P V LEADER.....		1	14	1-47	14	1.0	16,034	3.52	564		7	19	+120	-.03	D	+3
D7-19-65 1443425 51011D2 5-71					19		15,577	3.68	574							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	%	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1500801 ROSAFE PEARL VOGELMAN.....*		19	4	3-21,23,	36	1.2	14,842	3.48	516		25	56	-2	-.05	-7	-6
01-10-57 010249633 011165296 5-71				34	21		14,948	3.57	534							
1500847 WIL8AR PRIDE ADMIRAL PEACHUM..*	91-13	1	13	1-93	13	1.0	18,314	3.54	649		0	19	+361	.00	+13	+20
12-08-64 1237057 5574121 5-71					57		16,688	3.55	592							
1500863 SUND8AKKEN MAYER ELI.....*		3	5	2-35,43	12	1.2	11,885	3.90	464		0	28	-823	+.07	-21	-39
11-27-64 1327867 4530563 5-71					15		14,891	3.68	548							
1500874 RO-8EV SIR GYPSIE TIM.....		1	13	1-41	13	1.5	14,730	3.68	542		0	21	+59	+.01	+3	+4
08-19-64 1287090 3659831 5-71					5		14,511	3.67	532							
1501057 HARTFORD TOR 8UTTER8OY.....		2	12	1-41	17	1.7	8,859	3.65	323		15	28	-371	.00	-14	-21
09-26-63 1257762 4673207 5-71					6		9,777	3.70	362							
1501285 8OYS TOWN IOEAL MARK.....		1	10	1-42	10	1.5	15,355	3.50	537		10	20	-150	+.02	-3	-6
08-25-64 1342677 4768975 5-71					21		16,352	3.44	563							
1501289 EIPPERHURST ADMIRAL 8O8ELLE...*		3	8	1-47	17	1.4	14,299	3.62	518		12	33	+370	-.01	+12	+20
10-23-64 1418083 5612971 5-71					14		13,079	3.66	479							
1501617 8ROWNSTOW RO8ARON.....*		5	11	2-41,46	18	1.2	14,372	3.67	527		11	28	-536	+.03	-15	-26
01-14-65 010263332 6138866 5-71					15		16,580	3.59	595							
1501767 WAYGROVE TRIANGLE SAMSON.....		1	27	1-82	27	1.0	16,854	3.71	626		8	22	+351	.00	+12	+19
01-23-65 1199324 6127607 5-71					58		15,386	3.76	578							
1502297 CRUMOALE CRETE REWARO.....*		1	10	1-51	10	1.0	10,469	3.83	401		10	18	-653	+.01	-22	-35
04-06-65 1269391 5347963 5-71					14		14,188	3.74	531							
1502321 SCO8AR CRISSCROSS JESS-TWIN...*		4	10	2-21,22	21	1.1	15,710	3.58	563		29	32	+207	+.02	+10	+14
11-21-64 1378594 4732520 1-71					37		15,193	3.51	534							
1502330 VISSONS H H CHARMER.....*		2	6	2-41,46	12	1.0	19,100	3.49	667		8	26	+324	.00	+11	+18
10-05-65 1357743 5756330 5-71					17		18,268	3.49	638							
1502415 ROMANDALE REFLECTION AZTEC....*		2	6	1-33	10	1.0	15,965	3.92	626		10	23	+61	+.06	+11	+11
09-06-65 1459996 011691681 5-71					15		15,891	3.68	585							
1502619 LOVDAL TOP PIN.....	23-13	16	1	2-22,23	16	1.0	14,746	3.63	536		25	44	-264	-.04	-15	-19
02-25-66 1347940 3916372 5-71					16		15,498	3.74	579							
1502973 LUCKY FONO HOPE.....		1	10	1-34	10	1.0	15,429	3.62	558		38	18	-111	-.01	-5	-7
09-30-64 1243697 4308010 5-71					35		16,298	3.68	599							
1503079 DEE ANN ECHO 8ERT.....*		1	11	1-86	11	1.1	14,040	3.60	505		0	19	-151	+.02	-2	-6
01-14-65 1230610 4852492 5-71					28		14,957	3.52	526							
1503276 ORMSBY SHO8OY TIGER.....		1	12	1-48	12	1.4	12,981	3.72	483		0	21	-419	+.02	-13	-22
10-22-64 1441048 4953190 1-71					19		15,142	3.66	554							
1503369 HUTCH-A8OOE PETER PILOT-TWIN..*		2	13	1-34	15	1.0	14,548	3.74	544		30	21	+123	+.03	+9	+11
12-11-64 1261857 4837705 1-71					33		13,973	3.61	504							
1503535 JAKADALIN WOOO8OURNE CORONAOO.*		2	8	1-31	11	1.0	14,225	3.82	544		9	22	-140	+.01	-4	-7
03-08-66 1445747 5429883 5-71					34		14,979	3.83	573							
1503886 VINEWOOD GERONIMO.....		3	8	1-93	11	1.0	16,839	3.70	623		10	22	-132	+.01	-3	-6
07-11-65 1441349 4907792 5-71					107		17,838	3.68	657							
1503905 OON-AUGUR PROMISINGIVAN REPEAT	23-13	22	1	1-23	23	1.0	13,505	3.94	532		13	53	-915	+.15	-13	-35
04-24-66 1404788 5916551 5-71					10		15,362	3.68	565							
1504252 PENSTATE SOVEREIGN STAR.....*		4	6	2-21,23	12	1.0	13,034	3.66	477		17	26	-596	-.05	-28	-39
01-22-66 1298831 3279562 5-71					25		15,485	3.86	597							
1504952 D-E-LAN PRIOE REX.....		1	10	1-33	10	1.4	14,748	3.47	512		0	20	+9	.00	0	0
12-11-64 1237057 5027031 5-71					9		14,787	3.48	514							
1505295 ROCKET KENLANO OF GLENAFTON...*	33-03	24	1	9-21,23,	29	1.0	13,908	3.61	502		21	58	-732	-.02	-29	-43
01-19-64 010252803 011203302 5-71				33,34,41	34		15,316	3.66	560							
1505318 GLADCO OANNA CANARY OOC.....		2	7	1-91	13	1.0	16,812	3.43	577		23	26	+145	-.01	+4	+7
12-26-65 1303502 5132368 5-71					43		16,522	3.43	567							
1506102 8RANLINE OIAMONO ADMIRAL.....*		2	8	2-31,35	10	1.0	13,617	3.64	495		10	20	-2	-.01	-2	-2
11-21-65 1237057 4596935 5-71					20		13,598	3.75	510							
1506477 SUN-OALEN SAMPSON.....		1	14	1-34	14	1.0	15,281	3.47	530		**	19	-40	.00	-1	-2
01-18-65 1290182 5573721 1-71					20		15,665	3.49	546							
1506579 QUIET-ACRES REFLECTION MARQUIS*		2	15	1-91	17	1.0	17,242	3.57	615		12	22	-1	-.01	-2	-2
08-13-65 1459996 5335217 5-71					183		17,621	3.64	642							
1507822 REEDACRES PAT PAUL.....		1	10	1-21	10	1.0	13,706	3.49	478		10	18	+104	.00	+4	+6
01-10-65 1291498 4970501 5-71					27		13,028	3.46	451							
1507881 PALM-SKY ORMS8Y MOOEL.....*		2	6	1-34	11	1.0	13,149	3.41	449		33	24	-387	-.04	-19	-26
12-14-64 1216668 4849455 5-71					15		14,840	3.59	533							
1508965 NE-SHO HI HOPE DEEN.....*		1	10	1-43	10	1.0	13,392	3.32	444		10	18	-45	-.05	-9	-9
08-23-66 1436417 5953504 5-71					4		13,619	3.66	498							
1509403 RUANN 8ONO JACK POT.....		2	7	1-93	13	1.0	18,483	3.54	655		17	26	+32	+.01	+2	+2
02-18-65 1420015 4977315 5-71					109		18,849	3.52	664							
1509911 MAO8URY CRETE PILOT LESEYLA...*		2	13	1-12	20	1.6	14,499	3.70	537		0	31	+316	+.01	+13	+19
04-25-63 1287412 4191550 5-71					19		13,420	3.68	494							
1510794 OUKE CREAMELLE OE KOL.....		1	13	1-35	13	1.2	14,232	3.60	513		23	20	-69	-.02	-5	-6
12-19-64 1314767 3665512 5-71					21		14,659	3.72	546							
1511710 RESEGEOALE SOVEREIGN ROELANO..*		2	14	1-21	16	1.0	14,092	3.73	525		8	21	+159	+.02	+9	+12
12-26-64 1296576 5473977 5-71					9		13,283	3.61	479							
1511794 HILLTOP-LANE NOEL.....*		2	7	1-55	12	1.0	15,682	3.68	577		17	25	+15	.00	0	0
08-21-65 1315498 4851908 5-71					28		15,807	3.71	587							
1512505 PARKWOOO FONO ROYAL.....		2	14	1-41	16	1.4	13,591	3.71	504		25	24	-78	+.02	0	-2
03-01-65 1243697 5181748 5-71					10		13,922	3.66	510							
1512986 WILSONOALE PACEMAKER.....		1	14	1-11	14	1.0	11,410	3.51	401		100	19	-369	-.01	-14	-21
05-08-65 1357743 5522704 5-71					7		13,256	3.58	475							
1517068 E-B CLYOE WILMA.....*		1	10	1-23	10	1.0	12,259	3.67	450		0	18	-199	-.01	-8	-12
10-15-65 1423008 5567283 5-71					24		13,326	3.74	499							
1518711 LEEMEAO SYM8OL RAG APPLE.....*		6	7	2-48,84	23	1.1	15,947	3.73	595		50	39	-5	+.03	+4	+3
11-06-64 1455276 5142045 5-71					17		16,187	3.66	593							
1522071 ENSLOWS ULTIMATE CURLY.....		1	10	1-21	10	1.0	13,970	3.89	543		40	18	-180	+.03	-2	-6
09-06-65 1476231 4806888 5-71					15		15,108	3.76	568							
1531515 MISTY-MEAOOWS QUEEN X CRISS...		1	11	1-35	11	1.0	16,082	3.74	601		0	18	-36	-.01	-2	-3
09-19-65 1378594 4653199 5-71					32		16,543	3.80	628							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEIFERS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
1535594 C BROWNDALE MASTER-TWIN.....*	33-03	13	8	6-21,23,	33	1.7	14,092	3.60	508		11	49	+75	-.05	-4	-1
05-08-62 010198998 011085334 1-71				31,34,42	15		13,940	3.72	519							
010212246 BROWNS MASTER YANKEE.....*		31	1	9-16,21,	31	2.1	13,114	3.44	451		**	66	-434	-.10	-29	-35
07-04-48 010135583 010674162 5-71				23,33,52	16		13,756	3.60	495							
010213545 RAYMONDALE MURLAND.....*		35	1	4-16,21,	36	2.2	12,561	3.52	442		**	69	-726	-.07	-35	-48
10-15-48 010175095 010642339 5-71				22,23	16		13,572	3.63	493							
010218036 BONO HAVEN RAG APPLE MAPLE....*		319	2	32-21,23,	481	2.5	13,750	3.57	491		**	96	+4	-.04	-5	-4
03-09-49 010137532 010438166 9-70				31,33,34	25		13,724	3.62	497							
010219120 GILMORE VALIANT.....*		8	2	1-91	10	2.2	15,341	3.67	563		**	37	+150	+.03	+10	+12
11-05-48 010219115 010382813 5-71					19		15,042	3.58	538							
010220731 OTTAWA DIJAK OUOE.....*		104	1	10-13,14,	114	2.8	13,980	3.73	522		**	88	-268	+.12	+7	-1
04-14-49 010196732 010597923 5-71				21,22,23	18		14,322	3.60	515							
010229512 ROELAND REFLECTION SOVEREIGN..*		456	3	32-21,23,	733	2.7	14,421	3.79	546		**	97	+279	+.16	+33	+35
09-26-50 010198998 010586185 1-71				31,34,86	28		14,156	3.62	513							
010230167 ROSAFE TIPTOP.....*		98	2	16-16,21,	111	2.1	13,599	3.54	482		**	87	-186	-.05	-13	-16
09-01-50 010193120 010559938 5-71				22,23,33	22		13,801	3.61	498							
010231300 LARCHWAY VOYAGEUR KEENO.....*		114	1	11-13,21,	138	2.2	13,304	3.57	475		**	89	-538	-.02	-22	-32
01-12-51 010197964 010382161 5-71				22,23,51	17		13,904	3.60	500							
010236866 HAWKHERST REFLECTION SOVEREIGN*		68	1	18-21,22,	75	3.0	14,392	3.68	529		**	83	+167	+.04	+12	+14
11-25-50 010198998 010541918 5-71				23,31,51	18		14,219	3.63	516							
010240056 ORCHARD VALE TEXAL MARKSMAN...*		20	1	6-21,23,	20	2.1	14,872	3.48	517		**	55	+748	-.07	+16	+33
03-19-52 010218036 010752853 5-71				31,51,58	17		13,473	3.61	487							
010241249 ROSAFE THESEUS.....*		17	1	5-16,21,	20	3.5	14,426	3.74	540		**	57	+1	+.04	+6	+5
07-01-52 010198998 010697546 5-71				23,41,51	27		14,477	3.68	533							
010241845 ROMANDALE RE-ECHO ROCKET.....*		40	1	13-23,31,	41	2.3	13,278	3.42	454		**	73	+239	-.12	-8	0
03-09-52 010227946 010651782 5-71				34,57,58	18		12,839	3.60	462							
010242033 GLENVUE RADAR.....*		110	2	17-21,23,	158	2.0	13,583	3.50	476		**	89	-641	-.07	-32	-43
09-11-52 010213459 010672200 5-71				31,32,34	34		14,344	3.58	514							
010243319 ERNDALE RAG APPLE WAYNE.....*		133	2	11-13,16,	162	2.4	13,999	3.61	506		**	91	-285	+.02	-7	-13
11-09-52 010178969 010722088 5-71				21,22,23	18		14,355	3.59	516							
010243339 MARLACRES FOND PRINCE.....*		25	1	10-13,14,	28	2.0	12,662	3.71	470		**	63	-589	+.11	-7	-21
01-02-52 010212300 010857435 5-71				31,34,63	18		13,569	3.54	481							
010244468 LOCUST LODGE SCEPTER.....*		59	2	19-21,23,	77	2.1	13,230	3.54	469		**	81	-542	-.01	-21	-31
07-13-52 010186376 010784959 5-71				58,74,86	28		13,895	3.56	495							
010244626 ROSAFE PREFECT.....*		98	1	16-14,21,	121	2.0	13,507	3.42	462		**	88	-358	-.16	-35	-38
04-14-53 010121004 010724610 5-71				22,23,34	26		13,915	3.61	503							
010245252 GLENHOLM CHAMPION ELECT.....*		12	15	2-21,82	45	4.3	16,430	3.76	617		**	52	+156	+.09	+19	+20
07-22-53 010225806 010536851 5-71					13		16,373	3.60	590							
010246506 ROSAFE VIKING.....*		11	1	8-14,16,	12	2.3	14,082	3.60	507		**	42	+234	.00	+8	+13
11-07-53 010121004 010876626 5-71				21,34,51	42		13,481	3.61	486							
010247186 ROSAFE PRECEPTOR.....*		36	2	12-16,21,	47	1.7	14,604	3.53	516		**	72	-293	-.05	-17	-22
02-07-54 010198998 010722187 5-71				23,33,34	50		15,133	3.60	545							
010249838 ROMANDALE STARBRIGHT.....*		80	1	20-11,21,	89	2.7	12,948	3.84	497		**	85	-950	+.19	-9	-32
07-05-54 010212300 010737853 5-71				23,31,34	34		14,076	3.62	509							
010250051 LONELM LOCHINVAR ENVOY.....*		38	1	13-21,23,	42	2.2	12,485	3.64	454		**	72	-244	+.03	-5	-10
03-10-54 010236581 010438062 5-71				31,43,51	14		12,701	3.61	458							
010251647 BROWVIEW BASST FIFTY-FIVE....*		88	1	15-13,14,	102	2.2	14,755	3.54	522		**	86	+322	-.08	0	+8
01-01-55 010237455 01C828616 5-71				16,21,23	25		14,430	3.65	526							
010251684 NIC-A-BAR MASTER PRINCE.....*		64	1	14-12,16,	73	1.8	13,433	3.69	496		**	81	-926	+.07	-24	-44
01-29-55 010237756 010859625 5-71				21,22,23	31		14,650	3.62	530							
010252334 GLENAFTON MARMION.....*		127	2	16-14,21,	158	2.4	12,579	3.59	452		**	91	-753	-.01	-28	-43
03-19-55 010239301 010968594 5-71				23,31,34	27		13,352	3.61	482							
010252697 FRASEA BUTTER BOY.....*		70	2	20-21,23,	83	2.5	13,781	3.58	493		**	83	-210	-.02	-10	-14
01-13-55 010247499 010953543 5-71				31,34,91	49		14,045	3.61	507							
010252803 SEILING TRIUNE ROCKET.....*		32	3	13-21,23,	52	2.0	14,071	3.70	520		15	73	-940	+.01	-32	-51
03-09-55 010239045 010767491 5-71				31,33,56	27		15,523	3.68	572							
010254196 SHEPODY MILKMASTER MODEL.....*		20	1	6-11,12,	21	1.9	13,715	3.40	466		**	56	-327	-.13	-29	-33
07-24-55 010248258 010638889 5-71				13,14,21	14		14,340	3.64	522							
010254293 BROWNS BELLOINA ANNON.....*		115	1	21-14,21,	135	2.3	13,260	3.57	474		**	89	-471	-.04	-22	-30
07-01-55 010226560 010513326 5-71				22,23,31	28		13,772	3.63	500							
010254339 ROYBROOK BASST ADMIRAL.....*		98	1	13-14,16,	110	2.2	13,663	3.73	509		**	87	-455	+.11	-1	-13
02-03-55 010241933 010729320 5-71				21,22,23	20		14,213	3.60	512							
010254568 LONELM DUKE RETAINER.....*		90	2	18-21,22,	109	2.1	12,818	3.60	461		**	86	-853	-.01	-32	-49
04-05-55 010195154 010438062 5-71				23,31,34	58		13,797	3.62	499							
010254685 SPRINGBANK MODEL FAME.....*		26	1	7-14,16,	26	1.9	12,862	3.62	465		**	61	-507	-.01	-19	-29
09-08-55 010248598 010761700 5-71				21,23,33	18		13,671	3.64	498							
010255055 GLENALCOMB BASST IDEAL.....*		43	1	10-13,16,	46	2.4	13,749	3.58	492		**	75	-771	-.02	-30	-45
10-15-55 010195427 010677361 5-71				21,22,23	23		14,870	3.60	536							
010255838 GLENALCOMB BASST SIR ECHO.....*		78	1	13-16,21,	86	2.1	13,224	3.44	455		**	84	-894	-.15	-52	-66
11-16-55 010195427 010972682 5-71				22,23,33	20		14,325	3.63	520							
010256075 GLENVUE SKY CHIEF.....*		124	3	27-21,23,	175	1.8	14,294	3.57	510		17	89	-173	-.01	-8	-11
12-09-55 010241816 010672198 5-71				31,33,57	58		14,549	3.59	522							
010256451 SHEFFIELD SUPREME MONARCH.....*		121	2	14-21,22,	148	2.2	12,932	3.52	455		**	90	-861	-.08	-41	-56
01-07-56 010249633 010640573 5-71				23,31,34	35		13,887	3.61	502							
010256677 WAY BROOK BASST SOVEREIGN.....*		36	1	14-12,21,	42	1.9	14,264	3.59	512		**	71	+2	.00	0	0
02-20-56 010241933 010939384 5-71				23,34,63	32		14,297	3.59	513							
010257174 ROMANDALE OLIVIDENO.....*	33-03	40	4	17-21,23,	74	2.2	14,847	3.77	560		19	76	-181	+.11	+8	+2
10-05-55 010198998 010989224 5-71				41,43,52	23		15,214	3.64	554							
010258409 DEVON ROYAL ESCORT.....*		16	1	6-11,12,	19	2.4	14,089	3.60	507		**	54	-249	+.03	-5	-11
05-17-56 010248598 010973179 5-71				14,21,71	18		14,620	3.55	519							
010258920 ROSAFE HEPTAD.....*		115	2	18-13,14,	141	1.9	14,271	3.50	499		**	89	-144	-.11	-21	-21
07-05-56 010198998 010629726 5-71				16,21,23	24		14,488	3.63	526							
010259668 GLENHOLM ALERT DEAN BASST.....*		48	3	10-11,12,	84	1.6	15,014	3.68	552		**	79	+170	.00	+6	+9
12-05-56 010246349 011020328 5-71				16,21,23	24		14,892	3.69	549							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
010260315 SUN DREAM DIJAX DUKE.....*		77	2	13-16,21,	98	2.0	14,045	3.78	531	**	84	-490	+.15	+2	-11
10-27-55 010220731 011047661 5-71				22,23,93	35		14,706	3.61	531						
010261397 MACDONALD POSH PRINCE.....*		27	1	6-13,14,	28	2.2	14,109	3.95	558	**	64	-732	+.22	+3	-17
04-19-57 010240533 010808102 5-71				16,21,23	20		15,392	3.63	559						
010261594 VINEDALE REFLECTION DEKOL.....*		68	2	17-21,23,	82	1.8	14,382	3.60	518	**	82	-174	+.02	-4	-8
03-12-57 010255184 010929296 5-71				31,32,34	44		14,667	3.59	526						
010262612 BAKER REFLECTION JERRY.....*		116	2	26-21,22,	143	2.0	13,865	3.46	480	22	89	+42	-.09	-11	-8
09-10-57 010198998 010777515 5-71				23,31,34	46		13,804	3.57	493						
010262615 FRIEDVIEW BENEFACTOR.....*		16	1	10-21,22,	19	2.1	13,743	3.75	516	8	52	-625	+.09	-11	-25
08-11-57 010205583 011139892 5-71				23,34,43	71		15,048	3.61	543						
010262618 MADAWASKA DIJAX CHAMP.....*		20	2	6-11,16,	33	1.7	13,002	3.64	473	26	63	-570	+.03	-16	-28
07-20-57 010220731 010922048 5-71				21,23,57	40		13,910	3.59	500						
010262688 ROSAFE JOHNATHAN.....*		55	1	21-21,22,	61	2.2	13,915	3.53	491	**	79	-432	-.05	-23	-30
07-01-57 010246508 010821242 5-71				23,31,32	36		14,519	3.60	523						
010263466 .....*		10	1	4-21,23,	10	2.0	14,620	3.74	547	**	38	-243	+.05	-2	-8
5-71				34,51	18		15,416	3.64	561						
010263547 GLENODEN DIJAX CORD.....*		19	1	6-13,14,	19	1.6	13,260	3.90	517	**	52	-675	+.13	-7	-23
10-12-57 010220731 010765318 5-71				16,21,23	21		14,623	3.66	535						
010263781 SPRING FARM REFLECTION ORMSBY.*		56	1	20-21,22,	60	1.6	14,529	3.50	508	**	77	+132	-.08	-7	-2
12-24-57 010248207 011089382 5-71				23,32,34	30		14,404	3.61	520						
010264137 FOREST LEE ROCKETTE CENTURION.*		165	2	28-21,22,	244	1.5	14,517	3.46	503	14	92	-341	-.14	-31	-35
01-01-58 010239301 010814602 5-71				23,32,34	41		14,993	3.62	542						
010264804 THORNLEA TEXAL SUPREME.....*		358	3	37-21,23,	610	1.7	13,177	3.90	514	16	96	-1,589	+.29	-21	-59
12-27-57 010254607 010987647 5-71				32,33,34	34		14,925	3.62	541						
010265016 CROWN POINT MODEL BANOLEADER..*		10	2	5-11,12,	15	1.9	13,546	3.37	456	10	43	-519	-.08	-30	-38
02-22-58 010248598 010962504 5-71				13,14,21	17		14,852	3.58	531						
010265167 WINTERMAR ANTHONY STYLEMASTER.*		24	1	10-15,21,	24	2.3	13,764	3.60	496	0	60	-97	+.03	0	-3
04-18-58 010254609 010876310 5-71				23,31,34	63		13,925	3.55	495						
010265301 KENEVELYN MODEL RANGER.....*		122	2	24-21,23,	152	1.9	13,612	3.72	507	**	90	-490	+.13	0	-13
12-19-57 010248598 010760112 5-71				31,34,57	37		14,185	3.59	509						
010265395 MARLDALE LEADER.....*		30	1	10-23,31,	31	1.9	13,349	3.53	471	**	66	-442	-.06	-24	-31
04-08-58 010244211 010872850 5-71				33,34,63	31		14,032	3.63	509						
010265499 SHUR GAIN FOND MAPLE.....*		8	1	3-21,23,	10	2.2	16,498	3.36	554	**	38	+595	-.09	+8	+22
08-16-57 010218036 011115124 5-71				51	16		15,023	3.57	537						
010265607 ROMANDALE SHALIMAR - TWIN.....*		22	1	12-11,21,	23	2.5	15,967	3.74	597	**	60	+873	+.05	+39	+55
12-04-57 010239583 010956217 5-71				22,31,32	21		14,581	3.68	536						
010266128 FLETTOALE PABST BARON.....*		28	1	13-21,22,	30	2.2	13,783	3.73	514	20	65	-353	+.10	+1	-8
01-14-57 010241933 011074782 5-71				23,34,43	45		14,368	3.57	513						
010266847 MISSISSIPPI RAG APPLE LADDIE..*		54	1	9-12,16,	61	2.0	13,954	3.57	498	**	79	-330	-.02	-15	-21
08-28-58 010256645 010966936 5-71				21,22,23	30		14,423	3.61	520						
010267377 WEAVERS FOND RAVEN A.....*		76	1	15-21,23,	85	1.9	13,258	3.65	484	**	83	-567	+.06	-13	-26
06-13-58 010242802 011068287 5-71				31,33,34	46		13,942	3.59	500						
010267433 MORWILL R A TOPPER.....*		39	1	7-11,13,	43	1.8	12,935	3.77	488	**	71	-981	+.10	-23	-45
10-09-58 010263038 011106547 5-71				16,21,23	24		14,353	3.64	523						
010268045 PUCCINI OIVIOENO FAUSTO.....*		3	20	1-23	24	2.5	17,193	3.45	593	8	30	+472	-.14	-3	+10
01-03-59 010257174 010945470 5-71					11		15,801	3.92	619						
010271347 BONO HAVEN MAPLE JOE.....*		13	1	7-14,21,	14	1.8	15,393	3.62	557	**	46	+433	-.02	+13	+22
09-12-59 010218036 011258088 5-71				23,31,34	36		14,500	3.67	532						
010271386 VINEDALE FRASEA PILOT.....*		120	5	27-21,23,	191	1.5	13,471	3.46	466	20	87	-677	-.10	-38	-49
09-05-59 010231051 010929296 5-71				31,33,34	108		14,281	3.58	511						
010271580 HILLMAC REFLECTOR.....*		10	1	5-15,16,	11	2.1	14,130	3.60	509	**	41	-304	+.03	-7	-14
07-16-59 1298430 011079891 5-71				21,23,34	31		14,974	3.55	531						
010271748 EDGEWARE RAG APPLE JAN.....*		15	1	6-21,23,	15	1.7	12,903	3.32	429	**	47	-429	-.11	-31	-37
10-27-59 010218036 011230750 5-71				31,34,57	23		13,806	3.60	497						
010271846 LANGVIEW IDEAL EXPECTATION....*		10	3	2-87,91	20	2.0	15,001	3.45	518	31	50	-257	-.09	-21	-24
10-27-59 1175596 011175762 5-71					20		15,696	3.63	570						
010272024 WEAVERS INKA GOVERNOR.....*		12	1	6-14,21,	13	2.1	12,341	3.59	443	**	45	-593	+.02	-19	-31
11-02-59 010233528 010772739 5-71				23,32,34	14		13,640	3.56	485						
010272336 BLUEBIRD SUPREME LADDIE.....*		16	2	8-21,23,	20	1.3	12,333	3.45	426	**	51	-1,002	-.03	-40	-59
10-12-59 010249633 011073292 5-71				31,33,34	82		14,361	3.54	508						
010272685 BAROHOLM ROYLE SUPREME.....*		89	1	14-21,22,	103	1.7	13,958	3.61	504	**	85	-440	+.02	-13	-22
11-19-59 010249633 010961893 5-71				23,31,34	36		14,533	3.59	522						
010273372 MAPLE HEATHER MAGICIAN BELLBOY*		114	2	26-21,23,	154	1.9	13,937	3.59	500	19	88	-463	.00	-17	-26
03-21-60 010223366 010853595 5-71				31,34,57	75		14,519	3.60	522						
010273704 SHORE MAPLE R.....*		29	1	12-21,22,	32	1.8	13,295	3.55	472	**	66	-277	-.02	-13	-18
07-11-59 010218036 011331615 5-71				23,58,63	33		13,694	3.59	492						
010274043 OIVIOENO CLIPPER.....*		79	2	24-21,23,	105	1.7	14,950	3.51	524	13	85	+314	-.08	0	+8
01-04-60 010257174 010945470 5-71				32,33,57	46		14,649	3.59	526						
010274514 ROSAFE EMINENT.....*		59	2	22-16,21,	81	2.1	14,812	3.49	517	14	82	+187	-.10	-7	-1
06-15-60 010260599 010930258 5-71				22,23,31	37		14,655	3.62	530						
010274645 BARILEE JOE PRINCE REFLECTION.*		12	6	4-11,13,	38	3.2	15,391	3.89	598	**	62	-139	+.14	+15	+9
08-19-59 010262409 011308677 5-71				16,21	22		15,804	3.68	582						
010274670 BANELLA PERFECTION HEADLINER..*		23	1	9-21,22,	27	2.0	13,020	3.65	475	**	62	-608	+.03	-18	-31
05-18-60 010213749 010864635 5-71				23,31,34	41		14,016	3.61	506						
010274835 DONAHUE PERFECTION STAR.....*		3	21	2-57,73	26	2.6	15,335	3.64	558	**	32	+262	-.02	+7	+13
07-29-60 010249530 010930937 5-71					18		14,569	3.69	538						
010275058 SEILING PETRO.....*		64	1	15-12,16,	75	1.6	13,810	3.53	488	**	81	-762	-.09	-39	-52
09-04-60 1298430 011317452 5-71				21,22,23	39		14,848	3.64	541						
010275120 BONOVIEW BUTTER BOY.....*		37	1	16-21,22,	42	2.3	12,845	3.53	454	**	73	-718	-.02	-29	-43
07-17-60 1152252 011061282 5-71				23,31,34	48		13,822	3.58	495						
010275252 EDGEWARE WAYNE KORNDYKE.....*		7	2	4-21,22,	10	1.7	11,538	3.45	398	**	34	-867	-.01	-33	-50
09-18-60 010260076 011020680 5-71				23,31	12		14,107	3.52	497						
010275454 WAY BROOK CLIMAX.....*		13	1	9-14,21,	14	2.0	12,158	3.62	440	11	47	-876	+.05	-25	-43
10-23-60 1243697 010675902 5-71				23,33,58	68		14,051	3.52	494						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... OAUS HM/DAU	REC/OAU HEROMATE	MILK	%	FAT	%	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
010275637 BOND HAVEN CENTURION MASTERPIE*		19	1	9-14,31,	20	2.0	16,032	3.30	529	**	55	+998	-.15	+13	+37
02-22-60 010239301 011448641 5-71				34,58,63	37		14,247	3.54	505						
010275795 BOND LAKE REFLECTION SOVEREIGN*		10	1	6-16,21,	10	1.3	14,939	3.45	516	**	35	-34	-.04	-7	-7
10-22-60 010198998 011074782 1-71				22,23,34	14		15,159	3.58	542						
010275932 SEILING ROCKMAN.....*	35-05	294	4	29-13,16,	523	1.6	15,184	3.66	555	13	96	+327	+.02	+15	+21
11-24-60 010252803 011083846 9-70				21,23,93	26		14,941	3.63	543						
010276164 EDGEWARE PIETJE BOY.....*		16	1	8-13,21,	18	1.7	14,902	3.57	532	**	50	+442	+.02	+19	+27
12-03-60 010226198 011230750 5-71				23,34,58	62		14,026	3.51	493						
010276189 MARDEN SNOW BOY.....*		11	1	9-14,21,	12	1.8	12,368	3.41	422	0	42	-492	-.04	-23	-32
12-10-60 1152252 010715902 5-71				23,52,58	56		13,503	3.53	476						
010276214 PEEL LODGE HAYMAKER.....*		22	1	8-13,21,	23	1.9	14,730	3.80	560	**	59	+161	+.11	+21	+22
11-07-60 010228078 010979698 5-71				22,23,33	33		14,511	3.62	526						
010276275 HILLTOP SWEET IVANHOE.....*		18	1	7-11,13,	18	1.4	14,174	3.39	480	**	50	-157	-.10	-19	-20
11-09-60 1189870 010835394 5-71				16,21,23	23		14,553	3.59	523						
010276393 GLENVUE CROWN ROYAL.....*		46	1	12-16,21,	54	1.9	14,065	3.53	496	**	76	-267	-.08	-20	-24
10-25-60 010260599 010672200 5-71				23,32,52	24		14,471	3.63	526						
010277442 HOUCKHALL MARK.....*		16	2	7-21,23,	20	1.6	14,399	3.58	515	**	51	-88	.00	-3	-5
02-26-61 010260008 011136452 5-71				31,34,54	45		14,644	3.58	524						
010277722 WATERLOO ROYAL DUDE.....*		25	1	12-14,16,	26	1.6	13,836	3.72	515	**	60	-128	+.04	+1	-2
11-20-60 010220731 011231169 5-71				21,22,23	49		14,062	3.66	514						
010278178 MARLDALE H J CITATION ELVIS...*		11	1	7-21,23,	11	1.4	13,514	3.39	458	17	38	-226	-.06	-17	-20
08-26-60 010267150 011176258 1-71				31,34,55	30		14,134	3.59	507						
010278190 EMERALDALE CITATION ENSIGN....*		17	1	7-21,23,	17	1.8	14,479	3.34	484	**	51	+4	-.09	-12	-10
04-08-61 010267150 010905619 5-71				31,43,86	36		14,529	3.52	511						
010278293 LIMBOUR TROPHEUS ELECT.....*		8	3	6-11,16,	13	1.6	15,047	3.56	536	43	36	+193	-.03	+3	+7
04-26-61 010266109 011346862 5-71				21,23,33	85		14,568	3.63	529						
010278842 AGRO ACRES DOMINION.....*		35	2	16-13,21,	43	1.9	13,666	3.40	464	17	70	-266	-.08	-21	-24
07-01-61 010264863 011171326 5-71				23,31,34	71		14,058	3.52	495						
010278967 VINEDALE ROCKET RICHARD.....*		34	1	16-21,22,	39	2.2	14,051	3.77	530	29	70	-75	+.13	+15	+11
11-19-60 010245456 010929296 5-71				23,34,63	70		14,183	3.60	510						
010279270 ORCHARD VALLEY SYMBOL.....*		3	10	2-21,22	14	1.0	11,553	3.52	407	**	23	-298	+.03	-6	-13
06-25-61 010267150 011356445 5-71					17		12,751	3.36	429						
010279415 GLENVUE BONANZA.....*		18	1	8-13,21,	21	1.6	14,215	3.64	518	6	54	-100	+.03	0	-3
10-01-61 010273925 011101390 5-71				23,34,74	16		14,452	3.59	519						
010279445 BAILEYS R A REQUEST.....*		25	1	12-13,21,	26	1.9	14,483	3.55	514	31	61	-187	+.02	-4	-8
08-11-61 010218036 011107783 5-71				23,32,34	37		14,885	3.52	524						
010279618 SHORE ROYAL PRINCE.....*		19	1	7-21,22,	22	1.7	13,464	3.71	500	18	56	-278	+.07	0	-7
10-12-61 010237136 011050024 5-71				34,57,63	88		13,967	3.57	499						
010280186 ELKCUR INKA REX.....*		29	1	14-13,21,	33	2.0	12,815	3.84	492	5	66	-563	+.15	0	-15
11-25-61 010233528 010960518 5-71				23,34,57	98		13,637	3.60	491						
010280596 EDGEWARE WAYNE ACHILLES.....*		12	1	8-21,22,	15	1.6	14,764	3.69	545	**	45	+330	+.06	+21	+26
12-31-61 010205597 011230750 5-71				23,31,57	18		14,047	3.55	498						
010281035 ACME OF ACME.....*		15	2	9-21,23,	20	1.3	12,966	3.68	477	45	49	-613	+.06	-14	-28
12-25-61 1269047 010909432 5-71				32,33,34	75		14,241	3.57	508						
010281298 SUMMIT VIEW STATESMAN.....*		34	1	10-21,23,	38	1.6	13,366	3.70	495	**	68	-634	+.06	-15	-29
02-24-62 010229203 011026913 5-71				32,33,57	69		14,339	3.63	520						
010281396 ROYBROOK FORMOST.....*		33	2	16-21,22,	41	1.8	14,131	3.45	487	**	67	+64	-.10	-12	-8
01-03-62 010273925 010904759 5-71				23,34,41	111		14,046	3.60	506						
010281405 ROMANDALE REFLECTION COMMANDER*		2	8	1-23	10	1.4	13,021	3.33	433	33	21	-337	-.03	-16	-22
03-12-62 010269036 011296221 5-71					16		14,681	3.49	512						
010282456 CLEARCREEK DUKE.....*		20	2	10-21,22,	23	1.7	13,081	3.65	477	25	57	-448	+.07	-7	-17
05-04-62 010237136 011079517 5-71				23,33,34	113		13,864	3.53	490						
010282519 SPRING FARM ORMSBY ROCKET.....*		16	1	11-16,21,	16	1.8	14,279	3.58	511	**	49	+45	.00	+1	+2
05-14-62 010262744 011346630 5-71				22,23,34	32		14,215	3.59	510						
010282579 MARDEN MOOIE PAUL.....*		13	1	7-14,16,	13	1.5	15,423	3.33	514	29	43	+237	-.09	-4	+3
05-26-62 010255165 011055081 5-71				21,22,23	61		14,973	3.53	529						
010283047 ROMANDALE REFLECTION GOVERNOR.*		9	2	5-21,22,	12	1.3	12,959	3.77	488	30	38	-567	+.05	-14	-26
09-05-61 010198998 011479960 5-71				33,34,48	75		14,514	3.65	530						
010283099 EBYOALE MARCUS - TWIN.....*		24	3	12-21,23,	40	2.1	15,483	3.42	530	7	67	+324	-.12	-6	+3
05-08-62 010198998 011085334 5-71				31,34,93	39		15,117	3.61	545						
010283103 WEAVERS SOVEREIGN REFLECTION..*		6	7	6-21,23,	15	1.9	15,232	3.51	534	9	33	+336	-.06	+4	+12
05-30-62 010198998 011330410 5-71				31,34,56	339		14,251	3.68	525						
010283278 MEADOLAKE ROYAL SHAMROCK.....*		12	1	4-21,23,	13	1.5	14,220	3.49	496	38	42	-275	-.06	-18	-22
07-02-61 010198998 011240524 5-71				32,33	76		14,978	3.65	546						
010283610 MAPLE HEATHER MAJOR.....*		12	1	6-21,23,	12	1.3	13,815	3.66	506	**	39	-110	+.01	-2	-5
09-08-62 010229203 010853595 5-71				31,32,34	25		14,116	3.64	514						
010283663 WINDYLEA KIPLING.....*		14	1	4-13,16,	14	1.4	13,429	3.48	467	**	44	-467	-.05	-23	-31
09-28-62 010259542 011388931 5-71				21,23	20		14,558	3.59	523						
010283735 ELMCROFT PONTIAC CHIEFTAIN....*		29	1	13-21,23,	33	1.6	14,666	3.50	514	**	65	-236	-.03	-12	-16
10-08-62 010260599 011405867 5-71				31,33,34	50		15,153	3.55	538						
010284016 GLENODEN MARATHON LEADER.....*		6	3	2-11,21	13	1.7	14,472	3.43	496	22	37	-335	-.09	-24	-29
11-18-62 010263475 010861297 5-71					30		15,533	3.67	570						
010284377 ACME MARINER.....*		8	2	6-32,33,	11	1.1	13,100	3.61	473	18	33	-385	+.01	-13	-21
11-20-62 010271785 010956216 5-71				34,57,63	258		14,305	3.62	518						
010284771 EBYDALE MAJESTIC.....*		5	3	2-21,23	10	2.1	14,316	3.62	518	29	34	-202	+.02	-4	-9
11-13-62 010280392 011453648 5-71					26		15,012	3.58	537						
010284950 PEEL LODGE STARMAKER.....*		17	1	7-11,12,	17	1.5	13,595	3.57	486	**	49	-422	-.02	-18	-26
08-19-62 010229203 010979698 5-71				21,22,23	25		14,509	3.64	528						
010285181 LINMACK ROYAL MASTER.....*		14	1	8-13,21,	15	1.4	12,373	3.83	474	**	45	-838	+.10	-17	-36
01-21-63 1305460 011251619 5-71				23,33,57	58		14,269	3.60	514						
010285816 ROMANDALE TEXAL REFLECTION DUK*		14	1	8-16,21,	14	1.5	13,904	3.41	474	0	45	-3	-.09	-12	-10
03-21-63 010269036 011560541 5-71				23,31,34	46		13,909	3.62	503						
010285974 .....*		9	1	5-16,21,	10	1.5	13,561	3.72	505	**	35	-464	+.02	-14	-24
5-71				23,34,55	24		14,979	3.68	551						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
010286091 ELMSIOE VIEW OUOE.....*		14	1	7-16,21,	15	1.3	13,965	3.54	494		40	45	-172	-.04	-12	-14
03-24-63 010220731 011093539 5-71				23,57,63	26		14,397	3.65	525							
010286161 GLENAFTON RAG APPLE JULIUS....*		20	2	8-21,22,	24	1.7	13,248	3.58	474		7	56	-457	-.01	-18	-27
03-06-63 010273925 010869974 5-71				23,33,34	90		14,073	3.61	508							
010286165 GLENAFTON RAG APPLE REFLECTOR.*		10	1	5-11,12,	10	1.2	13,538	3.36	455		38	35	-399	-.07	-24	-30
04-30-63 010273925 011032287 5-71				13,14,23	20		14,774	3.58	529							
010286409 MARLACRES INKA TOP NOTCH.....*		19	1	12-21,33,	23	1.5	14,380	3.44	495		7	56	-138	-.09	-17	-18
04-28-63 010233528 011239801 5-71				34,57,74	99		14,706	3.61	531							
010286513 GREENWOOD RAG APPLE HERCULES..*		28	1	10-21,22,	34	1.7	13,783	3.49	481		**	66	-248	-.05	-16	-20
01-05-62 010251671 011597396 5-71				23,33,34	103		14,187	3.57	507							
010287072 8ONO HAVEN MAPLE OIPLOMAT.....*		11	2	8-13,21,	15	1.7	12,490	3.39	424		17	44	-556	-.06	-28	-38
07-06-63 010218036 011444171 5-71				23,31,33	145		13,748	3.56	490							
010287153 8ROWNDALE ACHILLES ROELANO....*		21	1	12-21,22,	23	1.4	12,876	3.84	494		19	56	-727	+.17	-4	-22
07-26-63 010229512 010699695 5-71				23,34,57	21		14,210	3.54	503							
010287171 GLENAFTON HERDMASTER.....*		36	2	15-15,21,	45	1.1	15,891	3.40	541		5	68	+736	-.12	+9	+27
07-02-63 010260599 011116870 5-71				23,32,33	63		14,899	3.56	531							
010287319 8ONOVIEW PONTIAC SOUVENIR.....*		14	2	8-13,21,	19	1.5	15,392	3.50	539		7	50	+479	-.06	+8	+19
03-25-63 010251671 011177157 5-71				23,33,34	155		14,480	3.63	526							
010287392 TARA HILLS FOND IVANHOE.....*		29	1	10-16,21,	33	1.3	13,740	3.86	531		**	63	-422	+.15	+5	-7
03-04-63 1189870 011086005 5-71				23,57,63	42		14,462	3.64	526							
010287665 MAPLE HEATHER OEFENOER.....*		15	1	9-13,14,	15	1.3	13,971	3.59	501		**	45	-149	.00	-6	-9
09-21-63 010229203 010853595 5-71				16,21,23	19		14,342	3.60	517							
010287960 MORRIS ACRES CENTURION LUCKY..*		8	1	7-16,32,	10	1.1	16,957	3.49	591		0	33	+604	-.02	+19	+31
10-02-63 010239301 011578872 9-70				33,57,64	64		15,240	3.51	535							
010288659 THAMES CREST SOVEREIGN SUPREME*		13	2	10-23,33,	17	1.6	14,284	3.35	479		9	48	+181	-.11	-9	-3
11-05-63 010229203 011267191 5-71				34,63,64	209		13,901	3.60	500							
010288790 ROY8ROOK TELSTAR.....*		25	3	14-16,21,	32	1.2	16,135	3.85	621		5	57	+440	+.13	+34	+40
12-13-63 010281397 011499058 5-71				23,32,34	44		15,524	3.67	569							
010289340 OAK RIDGES REGAL PROMOTER.....*		20	1	11-21,22,	21	1.2	14,607	3.54	517		26	53	-44	.00	-2	-3
03-02-64 010198998 011268092 5-71				23,32,74	63		14,776	3.55	524							
010290122 LLEWXAM JUPITER SUPREME.....*		10	2	7-22,23,	14	1.3	14,048	3.68	517		11	41	-55	+.02	+1	-1
02-07-64 010261992 011303687 5-71				34,55,56	141		14,212	3.62	515							
010290590 MERIVIEW DIVIDEND PERFECTION..*		13	1	7-11,13,	13	1.2	13,406	3.57	479		0	41	-514	+.04	-13	-24
03-13-64 010257174 011219272 1-71				16,21,23	29		14,738	3.49	514							
010290646 SANOSDALE FOND SUPREME.....*		9	2	5-23,33,	11	1.1	14,094	3.55	500		14	35	+18	-.03	-3	-2
10-08-63 010233528 011092995 1-71				51,55,63	172		14,054	3.64	511							
010290862 OAK RIDGES REFLECTION MAJOR -.*		10	1	5-21,23,	10	1.1	13,157	3.56	468		43	34	-435	+.01	-14	-23
06-11-64 010229512 011035084 1-71				34,52,74	37		14,496	3.54	513							
010290863 OAK RIDGES REFLECTION CAPTAIN.*		11	2	10-16,21,	14	1.1	13,308	3.60	479		8	40	-413	+.03	-11	-20
06-11-64 010229512 011035084 5-71				33,34,57	182		14,388	3.54	510							
010291200 SPRING FARM MASTER MAPLE.....*		31	2	14-21,23,	40	1.2	13,894	3.48	483		15	66	-298	-.06	-19	-24
07-11-63 010218036 011666472 5-71				33,34,73	76		14,392	3.57	514							
010291281 HILLTOPPER REFLECTION CHARLES.*		7	2	5-13,16,	10	1.2	15,389	3.61	555		**	32	+327	+.04	+17	+23
03-15-64 1408738 4454199 5-71				23,33,54	84		14,422	3.48	502							
010291309 ELKCUR IDEAL HOPE.....*		7	2	4-23,31,	10	1.2	14,230	3.61	514		11	32	+115	.00	+4	+6
07-31-64 010273925 010960518 5-71				34,57	136		13,866	3.63	503							
010291714 CORNERSET CENTURION MEDALIST..*		19	2	9-21,23,	25	1.3	15,089	3.48	525		15	55	+432	-.07	+6	+16
12-23-63 010239301 011315986 5-71				31,33,34	140		14,346	3.60	516							
010291760 .....*		4	3	3-11,21,	11	1.2	16,688	3.43	572		13	31	+236	-.07	-1	+5
5-71				52	33		16,140	3.64	587							
010292367 HAYSSEN FOND ARISTOCRAT.....*		9	1	9-23,32,	10	1.0	14,162	3.62	513		0	33	-60	+.02	+1	-1
05-06-64 1250992 5130964 1-71				34,52,55	66		14,395	3.55	511							
010293895 FLEMINGDALE PERSEUS MARK.....*		11	1	6-15,21,	13	1.0	15,224	3.48	530		8	38	+168	-.04	0	+4
12-22-64 010260599 011698141 5-71				23,33,34	139		14,878	3.59	534							
010294747 MEADOLAKE GOLDEN CROSS.....*		16	1	5-21,23,	18	1.1	13,402	3.78	506		13	48	-817	+.08	-19	-37
09-25-64 010247186 011049831 5-71				31,33,34	80		15,256	3.62	553							
11WAG0397		1	10	1-11	10	1.3	12,939	4.22	546		0	19	-225	+.10	+6	-1
5-71					23		14,145	3.66	517							
11WAI0390		2	9	1-11	11	1.9	13,181	3.65	481		9	24	-197	+.01	-6	-10
5-71					7		14,003	3.63	509							
11WAI5600		1	16	1-11	16	2.3	16,058	3.47	558		0	25	+119	-.04	-1	+2
5-71					63		15,765	3.62	571							
11WAJ9051		1	11	1-11	11	2.7	12,004	3.75	450		0	24	-311	+.07	-1	-9
5-71					9		13,211	3.41	451							
12XAA2710		1	11	1-12	11	1.2	14,542	3.78	549		11	19	-148	+.01	-4	-7
5-71					28		15,476	3.76	582							
13AAP7632		2	14	1-13	16	1.3	12,661	3.40	431		**	23	-3	-.05	-7	-6
5-71					16		12,537	3.69	463							
13AHA8396		1	10	1-13	10	1.7	15,699	3.53	554		**	21	+55	+.01	+4	+5
5-71					21		15,600	3.47	541							
13WZV2001		1	22	1-13	22	2.3	11,787	3.54	417		27	26	-302	+.04	-6	-13
5-71					5		12,843	3.39	436							
13WZV2047		1	13	1-13	13	1.9	17,411	3.21	559		9	23	+547	-.10	+5	+18
5-71					10		15,117	3.57	540							
13WZW4969		1	17	1-13	17	2.7	16,980	3.69	626		**	26	+400	+.11	+30	+35
5-71					10		15,594	3.26	509							
13WZW5948		1	13	1-13	13	2.2	14,344	3.60	516		0	24	-385	-.02	-16	-23
5-71					31		16,168	3.68	595							
14AAM5989		1	10	1-14	10	1.0	13,579	3.58	486		10	18	+7	-.02	-2	-1
9-70					2		13,495	3.71	500							
21A8P4568		1	13	1-21	13	1.9	15,153	3.75	568		0	23	-31	+.04	+4	+3
5-71					15		15,447	3.59	554							
21W8L8086		1	12	1-21	12	2.8	11,683	3.61	422		**	24	-366	+.05	-7	-15
5-71					8		13,109	3.44	451							

REGISTRATION NUMBER	NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	%	FAT	% 1ST LAC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
21WCA6014			1	20	1-21	20	1.8	13,312	3.44	458	**	24	-421	-.01	-16	-24
		5-71				6		15,202	3.50	532						
21WDD0553			1	10	1-21	10	1.2	14,850	3.48	517	20	19	-159	+.01	-5	-8
		5-71				16		15,906	3.49	555						
21WOE4467			1	11	1-21	11	3.5	15,171	3.67	557	**	25	-342	.00	-13	-20
		5-71				9		16,830	3.72	626						
21WOF0433			1	12	1-21	12	1.8	15,702	3.43	539	**	22	+56	-.01	+1	+2
		5-71				3		15,617	3.46	540						
21WOM4078			1	12	1-21	12	1.2	15,433	3.30	510	11	19	+199	-.02	+4	+8
		5-71				21		14,460	3.37	487						
21WOP1175			1	12	1-21	12	3.3	16,080	3.42	550	0	25	+231	-.04	+2	+8
		5-71				11		15,293	3.58	548						
21WEF7451			1	16	1-21	16	2.3	13,942	3.72	519	0	25	+277	+.04	+15	+20
		5-71				9		12,727	3.58	455						
22WA83113			1	12	1-22	12	1.8	16,201	3.46	560	**	22	-155	.00	-5	-8
		5-71				15		17,238	3.45	595						
220007260			1	13	1-22	13	1.6	16,301	3.55	578	**	22	-140	+.03	-1	-4
		5-71				16		17,281	3.44	595						
23ADL4883			3	16	1-23	21	2.1	14,865	3.38	503	10	31	+142	-.09	-8	-3
		5-71				15		14,453	3.71	536						
23AEH5339			1	24	1-23	24	1.9	12,102	3.69	446	**	26	-350	+.01	-11	-18
		5-71				4		13,409	3.67	492						
23AEY7071			1	18	1-23	18	2.2	13,825	3.72	514	0	26	-111	+.03	0	-3
		5-71				9		14,296	3.60	514						
23AHJ1353			2	18	1-51	23	1.4	12,134	3.68	447	22	28	-675	+.03	-21	-35
		5-71				9		14,665	3.61	530						
23AHY8779			1	10	1-23	10	1.0	13,802	3.49	481	10	18	-80	+.01	-2	-4
		5-71				2		14,294	3.48	498						
23AJA6064			1	16	1-23	16	1.1	10,589	3.80	402	11	21	-298	+.05	-4	-11
		5-71				18		11,827	3.53	418						
23WA84716			2	6	1-23	10	2.6	12,490	3.57	446	17	28	-282	-.02	-13	-18
		5-71				12		13,439	3.68	494						
32WAJ2029			1	23	1-32	23	1.1	14,549	3.54	515	4	22	+79	-.03	-1	+1
		5-71				12		14,216	3.70	526						
33ACZ1211			2	10	1-33	16	1.4	14,178	3.83	543	0	28	+198	+.03	+11	+14
		5-71				24		13,411	3.74	502						
34ZOH0079			1	10	1-34	10	1.0	13,283	3.42	454	33	18	-101	+.01	-2	-4
		5-71				13		13,848	3.39	470						
35AGY3520			1	12	1-35	12	1.8	13,124	3.63	476	**	22	+158	-.02	+3	+7
		5-71				14		12,237	3.73	457						
35AUJ9133			2	10	1-35	18	3.4	15,942	3.56	568	0	36	+519	-.05	+11	+23
		5-71				15		14,548	3.71	540						
35AYH9440			1	15	1-35	15	1.7	13,295	4.20	558	10	23	-445	+.12	0	-12
		1-71				26		15,348	3.69	566						
358HF7679			1	14	1-35	14	1.0	18,497	3.58	662	10	19	+227	-.06	-1	+5
		5-71				20		17,699	3.92	694						
35ECK0001			1	12	1-35	12	1.7	14,372	3.64	523	**	22	+172	+.01	+7	+10
		1-71				18		13,542	3.62	490						
35JPM1111			1	15	1-35	15	2.3	10,769	3.54	381	0	25	-329	-.02	-14	-20
		5-71				5		11,864	3.65	433						
35THP1111			2	16	1-35	32	1.9	15,154	3.73	566	**	38	+278	+.01	+11	+16
		1-71				9		14,478	3.74	541						
35THP2222			1	11	1-35	11	1.7	13,216	3.44	455	10	22	-222	-.01	-10	-14
		5-71				26		14,281	3.55	507						
35WA86235			1	11	1-35	11	2.7	11,118	3.42	380	0	24	+101	-.03	0	+3
		5-71				13		10,337	3.56	368						
35WAT4017			1	11	1-35	11	2.9	15,416	3.51	541	**	24	+44	.00	+1	+2
		5-71				14		15,379	3.52	542						
35WAW3008			1	17	1-35	17	1.9	11,534	3.84	443	0	25	-343	+.05	-6	-14
		5-71				5		12,819	3.64	467						
35W8C5262			1	10	1-35	10	1.8	12,976	3.79	492	20	21	-91	+.02	0	-2
		5-71				5		13,354	3.70	494						
35W8F6469			2	9	1-35	11	2.5	13,653	3.82	522	10	26	+74	+.06	+11	+11
		5-71				12		13,299	3.59	478						
35W8G4921			1	17	1-35	17	2.1	16,331	3.45	564	**	25	+44	+.02	+4	+4
		5-71				19		16,401	3.37	553						
35W8G9491			1	14	1-35	14	1.1	13,799	3.56	491	14	20	+259	-.02	+6	+12
		5-71				9		12,321	3.68	454						
35W8M1932			1	28	1-35	28	1.1	12,873	3.54	456	**	23	+80	-.02	0	+2
		5-71				3		12,360	3.63	449						
35W8P5959			1	10	1-35	10	1.3	15,171	3.92	594	0	19	+16	+.05	+7	+6
		1-71				6		15,216	3.69	561						
35W8S7926			1	10	1-35	10	1.1	18,559	3.59	666	**	18	+262	.00	+9	+14
		5-71				11		17,475	3.62	632						
35WJA9346			2	10	1-35	19	2.0	15,125	3.70	559	33	34	-191	-.01	-8	-12
		5-71				10		15,881	3.74	594						
35WJC8750			1	12	1-35	12	1.1	16,731	3.77	630	17	19	-86	.00	-3	-5
		5-71				13		17,552	3.82	670						
35WJG3236			2	7	1-35	13	1.3	15,635	3.98	623	**	27	+23	+.08	+12	+11
		5-71				24		15,727	3.73	586						
35WJG3243			2	13	1-35	18	1.4	14,873	3.57	531	**	27	+223	-.05	+1	+7
		5-71				10		14,062	3.77	530						
35WJG3244			8	11	1-35	36	1.5	15,221	3.65	555	**	46	+319	-.06	+3	+11
		5-71				20		14,597	3.79	553						

REGISTRATION NUMBER	NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
35WJG374B			1	23	1-35	23	1.0	11,740	3.46	406	**	21	-296	.00	-11	-17
	5-71					8		13,044	3.50	456						
35WJG4050			1	12	1-35	12	1.0	17,643	3.70	653	**	19	+358	.00	+13	+20
	5-71					18		15,913	3.72	592						
35WJHB475			1	10	1-35	10	1.8	14,933	3.73	557	0	21	+156	-.03	+2	+6
	5-71					9		14,222	3.87	551						
35WJK6901			1	14	1-35	14	1.1	15,489	3.91	605	15	20	+195	+.04	+13	+16
	5-71					9		14,585	3.74	546						
35WJL6700			1	12	1-35	12	1.1	14,613	3.74	547	8	19	+132	-.03	0	+3
	5-71					9		13,915	3.95	550						
35WJN9145			1	11	1-35	11	1.0	15,757	3.33	525	**	18	+257	-.07	0	+7
	1-71					19		14,390	3.65	525						
35XG88191			1	16	1-35	16	1.6	15,219	3.79	577	13	23	+10	-.02	-2	-1
	1-71					8		15,314	3.92	601						
35ZBG1659			1	12	1-35	12	1.3	12,266	3.77	462	18	20	-388	+.01	-12	-20
	5-71					9		14,218	3.71	527						
350AE6567			3	4	1-35	10	1.1	15,881	3.82	607	**	26	+4	+.06	+9	+8
	5-71					20		16,081	3.60	579						
350BLB901			1	11	1-35	11	1.2	13,892	3.79	526	0	19	-243	+.01	-8	-13
	5-71					22		15,307	3.80	582						
350GH6666			1	14	1-35	14	2.4	14,942	3.77	563	**	24	-504	+.04	-13	-24
	5-71					6		17,371	3.66	636						
350HR4444			1	13	1-35	13	2.3	10,655	3.49	372	71	23	-312	+.01	-10	-16
	5-71					14		11,809	3.50	413						
350HR6666			1	20	1-35	20	2.1	12,577	3.53	444	13	25	-144	-.01	-7	-10
	5-71					6		13,061	3.63	474						
41AFBB517			1	15	1-41	15	1.7	13,614	3.75	511	21	23	-218	.00	-8	-12
	5-71					10		14,657	3.79	555						
41AJA0811			1	12	1-41	12	1.2	12,897	3.61	465	9	19	-399	+.05	-8	-17
	5-71					8		15,073	3.40	513						
41AJS6382			1	20	1-41	20	2.8	15,693	3.82	599	13	27	+122	+.05	+12	+13
	5-71					9		15,385	3.65	561						
41WAD9319			1	13	1-41	13	2.1	14,438	3.46	500	33	23	+475	-.07	+7	+18
	5-71					1		12,187	3.81	464						
41WAK9153			2	14	1-41	28	2.0	13,030	3.64	474	**	37	-144	-.04	-11	-13
	5-71					7		13,358	3.80	507						
41WAM9954			1	22	1-41	22	1.6	13,208	3.24	428	**	24	-198	-.03	-11	-14
	5-71					1		14,044	3.40	477						
41WAZB913			1	12	1-41	12	2.8	13,128	3.30	433	30	24	-16	-.04	-6	-5
	5-71					8		13,119	3.51	460						
41WBA1532			1	15	1-41	15	2.6	15,158	3.63	550	11	25	-96	.00	-3	-5
	5-71					6		15,723	3.64	573						
41WBB1685			1	18	1-41	18	1.9	14,052	3.58	503	20	25	+3	-.05	-7	-6
	5-71					10		14,051	3.83	538						
41WBB9999			2	29	1-41	33	2.5	15,016	3.67	551	3	31	+156	-.05	-2	+2
	5-71					52		14,574	3.88	566						
41WBC5412			2	20	1-41	38	2.7	13,835	3.66	507	11	41	-185	+.03	-2	-6
	5-71					6		14,324	3.60	516						
41WBD5600			1	18	1-41	18	1.9	11,107	3.66	406	13	25	-119	.00	-4	-6
	9-70					3		11,335	3.69	418						
41WBE2644			1	11	1-41	11	1.5	13,857	4.21	583	0	20	-7	+.02	+2	+1
	5-71					8		13,892	4.20	583						
41WBE3920			1	14	1-41	14	2.3	13,529	3.71	502	14	25	+188	.00	+7	+11
	5-71					10		12,629	3.71	468						
41WBE7197			1	22	1-41	22	1.8	14,753	3.56	525	27	25	+96	-.02	+1	+3
	5-71					1		14,406	3.64	525						
41WBF3509			1	25	1-41	25	1.3	13,881	4.03	560	21	23	+127	.00	+4	+7
	5-71					14		13,267	4.13	548						
41WBF3577			1	11	1-41	11	1.1	13,205	3.59	474	9	19	+50	-.03	-2	0
	1-71					19		12,827	3.82	490						
41WBF4011			1	10	1-41	10	1.4	19,318	3.73	721	10	20	+592	-.02	+19	+31
	5-71					31		16,557	3.84	636						
41WBG3817			1	14	1-41	14	1.3	7,336	3.61	265	20	21	-483	+.01	-16	-26
	5-71					9		9,211	3.56	328						
41WBG9211			1	21	1-41	21	1.4	12,151	3.49	424	**	23	-315	-.07	-21	-26
	5-71					5		13,460	3.85	518						
41WBH4534			1	10	1-41	10	1.8	12,300	3.47	427	0	21	+36	-.02	-1	0
	5-71					4		11,928	3.58	427						
41WBH6576			1	14	1-41	14	1.6	14,855	3.55	527	**	22	+52	+.02	+4	+5
	5-71					3		14,696	3.48	512						
41WBH8797			1	21	1-41	21	1.8	11,729	3.77	442	42	25	-457	+.03	-13	-23
	5-71					7		13,553	3.67	497						
41WBJ0324			1	16	1-41	16	1.3	14,416	3.82	551	13	21	-159	-.01	-7	-10
	5-71					13		15,306	3.92	600						
41WBJ0595			2	12	1-41	14	1.4	13,227	3.73	493	7	23	-99	+.03	0	-3
	1-71					8		13,626	3.63	495						
41WBJ1262			1	20	1-41	20	2.2	15,363	3.44	528	10	26	+194	-.01	+5	+9
	5-71					9		14,687	3.46	508						
41WBK7153			1	20	1-41	20	1.3	14,294	3.70	529	28	22	-70	-.02	-5	-6
	1-71					7		14,692	3.83	562						
41WBL9861			3	9	1-41	14	1.2	16,131	3.63	585	17	26	-46	+.02	+1	0
	5-71					11		16,580	3.55	589						
41WBN3601			1	22	1-41	22	2.2	14,842	3.38	501	10	26	-21	-.07	-10	-9
	5-71					18		15,033	3.65	548						

REGISTRATION NUMBER	NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF OAU /HO	STATES NO- WITH MOST OAUS	... OAUGHTERS AND HEROMATES ... OAUS	REC/OAU HM/OAU	MILK HEROMATE	% MILK	FAT %	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
41W8D0748			1	18	1-41	18	1.6	16,566	3.72	617	11	23	+507	-.02	+16	+26
	5-71					53		14,440	3.82	551						
41W8D0895			2	25	1-41	27	1.8	13,793	3.44	474	4	27	-73	-.03	-7	-8
	5-71					20		14,085	3.57	503						
41W8D7134			1	16	1-41	16	1.5	12,907	3.70	478	6	23	-14	+.01	+1	0
	1-71					13		12,867	3.66	471						
41W8D8280			1	15	1-41	15	2.3	13,742	4.13	567	20	25	+29	+.05	+8	+7
	5-71					6		13,591	3.95	537						
41W8Q3095			1	14	1-41	14	1.8	13,468	3.73	502	0	23	-310	-.01	-13	-19
	5-71					9		14,907	3.83	571						
41W8Q4889			1	11	1-41	11	2.2	14,399	3.60	518	0	23	-20	+.01	+1	0
	5-71					9		14,554	3.52	513						
41W8Q4891			1	10	1-41	10	1.1	13,976	3.51	490	20	18	-225	+.01	-7	-12
	5-71					12		15,358	3.49	536						
41W8R2693			1	24	1-41	24	1.3	12,369	3.52	435	20	23	-240	.00	-8	-13
	1-71					4		13,369	3.51	469						
41W8R3126			1	16	1-41	16	1.3	16,961	3.38	573	0	22	+338	-.08	+1	+10
	1-71					16		15,551	3.70	576						
41W8R3130			2	8	1-41	10	1.2	15,467	3.70	573	22	21	+129	+.02	+8	+10
	1-71					20		14,935	3.62	540						
41W8R3132			1	15	1-41	15	1.5	13,165	3.59	472	36	22	+164	-.04	0	+4
	5-71					19		12,251	3.82	468						
41W8R3146			1	20	1-41	20	2.1	11,248	4.26	479	29	25	-393	+.08	-3	-13
	1-71					16		12,686	3.89	494						
41W8S4913			1	28	1-41	28	1.1	12,799	3.89	498	7	23	-131	+.08	+6	+2
	5-71					5		13,319	3.50	466						
41W8T8793			1	10	1-41	10	1.1	11,924	3.88	463	0	18	-306	+.06	-3	-10
	5-71					7		13,574	3.54	481						
41W8U5582			1	14	1-41	14	1.8	14,252	3.68	525	8	23	+54	+.01	+3	+4
	5-71					2		14,027	3.67	515						
41W8U6299			2	13	1-41	16	1.3	11,463	3.46	397	22	24	-233	+.02	-6	-11
	5-71					4		12,258	3.39	415						
41W8W5423			1	10	1-41	10	1.0	12,322	3.31	408	20	18	-144	-.02	-8	-10
	1-71					2		13,053	3.49	456						
41WCA3808			1	18	1-41	18	2.3	14,271	3.86	551	0	26	-295	+.02	-8	-14
	5-71					8		15,582	3.83	597						
41WCA3875			1	10	1-41	10	2.5	12,351	3.67	453	0	23	-161	+.01	-4	-7
	1-71					8		12,956	3.65	473						
41WCA3982			1	18	1-41	18	3.1	15,993	3.90	624	**	27	+365	+.04	+19	+25
	5-71					6		14,725	3.79	558						
41WCA4353			1	14	1-41	14	2.1	11,399	3.71	423	**	24	-429	-.01	-17	-25
	5-71					3		13,149	3.78	497						
41WC08568			2	15	1-41	17	2.2	14,030	3.34	468	0	27	+165	-.04	+1	+5
	5-71					7		13,352	3.45	461						
41WCF1476			2	14	1-41	16	3.4	15,019	3.50	526	13	28	+323	-.02	+9	+16
	5-71					13		13,874	3.55	493						
41WCF2495			1	14	1-41	14	1.5	13,902	3.56	495	18	22	-89	.00	-3	-5
	5-71					3		14,355	3.57	512						
41WCJ3695			1	10	1-41	10	1.1	13,460	3.46	466	11	18	+15	-.02	-2	-1
	1-71					4		13,312	3.63	483						
41WCM1695			2	22	1-41	26	1.6	13,055	3.65	476	27	27	-293	-.01	-12	-18
	5-71					10		14,171	3.70	525						
41WCO4380			1	15	1-41	15	2.6	15,211	3.48	529	7	25	-160	+.01	-5	-8
	5-71					9		16,060	3.47	558						
41WCO6420			1	24	1-41	24	1.3	14,034	3.53	495	13	23	-60	+.03	+2	0
	5-71					7		14,342	3.37	484						
41WCO6452			2	19	1-41	23	2.1	14,668	3.49	512	18	28	-183	-.05	-13	-16
	5-71					7		15,469	3.67	568						
41WCP2471			1	12	1-41	12	2.6	13,950	3.35	467	0	24	-147	+.02	-2	-5
	5-71					9		14,627	3.26	477						
41WCR0704			1	18	1-41	18	1.3	11,853	3.73	442	29	22	-525	+.04	-14	-25
	5-71					3		14,292	3.58	511						
41WCR4421			1	19	1-41	19	2.1	11,443	3.49	399	**	25	-168	-.01	-7	-10
	5-71					1		11,918	3.57	425						
41WCR5746			1	12	1-41	12	1.3	12,696	3.51	446	17	20	-292	+.06	-3	-10
	5-71					7		14,170	3.27	463						
41WCR6361			1	20	1-41	20	2.8	11,792	3.47	409	27	27	-162	.00	-6	-9
	5-71					13		12,236	3.51	429						
41WCU2996			1	11	1-41	11	1.5	11,371	3.59	408	**	20	-219	.00	-8	-12
	5-71					1		12,287	3.62	445						
41WCU2998			1	19	1-41	19	1.5	12,158	3.68	448	6	23	-401	-.01	-16	-24
	1-71					3		13,921	3.76	524						
41WCU6549			1	12	1-41	12	1.2	14,949	3.70	553	8	19	+35	+.04	+7	+7
	1-71					21		14,863	3.51	521						
41WCW0343			1	14	1-41	14	2.4	13,037	3.64	475	**	24	-95	+.02	-1	-3
	5-71					15		13,376	3.60	482						
41WCY3315			1	11	1-41	11	1.3	12,875	3.51	452	**	20	-259	.00	-9	-14
	5-71					4		14,240	3.55	505						
41WCY5101			1	35	1-41	35	2.7	13,604	3.51	478	16	29	-135	-.07	-14	-15
	5-71					6		14,093	3.80	535						
41WCY6714			2	8	1-41	10	2.3	13,755	3.33	458	0	25	-264	.00	-9	-14
	1-71					8		14,932	3.34	498						
41WOC5223			2	16	1-41	21	1.8	12,382	3.52	436	17	29	-223	-.01	-10	-14
	5-71					10		13,066	3.60	471						

REGISTRATION NUMBER	NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	% REPT	PREDICTED DIFFERENCES MILK	%	FAT	$$
41WDC5476			2	6	1-41	10	1.6	9,940	3.35	333	20	25	-454	-.03	-21	-29
	5-71					2		11,484	3.57	410						
41WDD7800			1	10	1-41	10	1.9	16,299	3.51	572	0	22	+240	.00	+8	+13
	5-71					15		15,325	3.50	537						
41WDD9674			1	11	1-41	11	1.3	15,705	3.46	544	10	20	+263	-.01	+8	+13
	5-71					15		14,405	3.48	501						
41WDE3275			1	14	1-41	14	1.0	10,341	3.70	383	**	19	-224	+.01	-7	-12
	5-71					3		11,237	3.69	415						
41WDF3918			1	13	1-41	13	1.9	19,077	3.49	665	**	23	+449	+.02	+19	+27
	5-71					5		17,489	3.39	593						
41WDH3345			1	20	1-41	20	1.2	13,384	3.94	527	45	22	-360	+.06	-5	-13
	5-71					10		15,179	3.68	559						
41WDH3362			1	18	1-41	18	1.3	15,279	3.47	530	6	22	-50	-.04	-8	-8
	5-71					2		15,687	3.68	578						
41WD10646			1	10	1-41	10	1.3	14,656	3.49	512	0	19	+170	.00	+6	+9
	5-71					5		13,745	3.50	481						
41WDK7647			1	11	1-41	11	1.0	11,516	3.55	409	0	18	-262	+.03	-6	-12
	5-71					14		12,853	3.45	444						
41XEC8299			2	8	1-41	13	1.2	12,929	3.67	474	33	25	-460	.00	-17	-26
	1-71					7		14,849	3.71	551						
41XE01293			1	10	1-41	10	2.6	11,929	3.83	457	**	23	-153	.00	-5	-8
	5-71					15		12,447	3.87	482						
41XZY7471			1	10	1-41	10	2.5	15,291	3.45	527	22	23	+16	-.05	-6	-5
	5-71					17		15,361	3.67	564						
42ADC4227			1	12	1-42	12	1.0	14,927	3.68	550	0	19	+377	+.01	+15	+22
	5-71					7		12,783	3.64	465						
42AJJ4278			1	18	1-42	18	1.8	11,157	3.69	412	8	24	+119	-.01	+3	+6
	5-71					6		10,295	3.77	388						
42APA9491			1	11	1-42	11	1.4	10,653	3.59	382	**	20	-205	.00	-7	-11
	1-71					5		11,440	3.59	411						
42WAN9648			3	7	1-42	10	3.4	12,224	3.79	463	25	27	-278	+.07	-1	-8
	9-70					5		13,163	3.53	465						
42WAQ6126			1	10	1-42	10	1.2	17,159	3.55	610	0	19	+334	.00	+12	+19
	5-71					9		15,520	3.56	553						
42WAT6339			1	23	1-42	23	1.6	10,501	3.63	381	26	24	-650	+.03	-20	-33
	5-71					7		13,134	3.53	463						
42WAU9841			1	28	1-42	28	1.6	13,108	3.97	520	**	25	-162	+.04	-1	-5
	1-71					9		13,728	3.88	532						
42WAV6135			1	18	1-42	18	2.2	12,738	3.59	457	**	24	-103	.00	-4	-6
	5-71					8		13,080	3.62	473						
42WAW7651			1	14	1-42	14	2.1	12,612	3.46	437	0	23	-255	-.01	-11	-16
	5-71					8		13,681	3.56	487						
42WAW8987			1	14	1-42	14	1.7	9,868	3.50	345	**	22	-350	.00	-13	-20
	5-71					20		11,190	3.54	396						
42WAW8990			1	10	1-42	10	1.5	15,037	3.22	484	20	20	+165	-.04	0	+4
	5-71					8		14,244	3.38	482						
42WAW8993			2	9	1-42	11	2.3	16,493	3.23	533	0	25	+268	-.12	-7	+1
	5-71					11		15,591	3.66	570						
42WAW9000			1	13	1-42	13	2.5	10,568	3.70	391	29	23	-155	+.03	-1	-5
	5-71					29		10,936	3.57	390						
42WAX5341			1	19	1-42	19	1.9	16,247	3.53	573	6	24	+409	-.01	+14	+22
	5-71					15		14,635	3.54	518						
42WAZ2398			1	13	1-42	13	2.1	12,146	3.76	457	**	23	-41	+.07	+8	+6
	5-71					14		12,150	3.40	413						
42W887709			1	13	1-42	13	1.2	10,713	3.64	390	15	20	-260	-.02	-12	-17
	5-71					7		11,788	3.80	448						
42W888716			2	14	1-42	23	1.3	12,104	3.75	454	43	30	-512	-.03	-23	-32
	5-71					14		13,793	3.89	536						
42W889258			1	11	1-42	11	1.1	12,196	3.94	481	9	19	-219	+.01	-7	-11
	5-71					32		13,315	3.96	527						
42W8C1905			1	19	1-42	19	2.0	14,217	3.42	486	7	25	+118	-.02	+2	+5
	5-71					7		13,727	3.46	475						
42W8C6520			1	12	1-42	12	1.3	12,610	3.34	421	**	20	-134	-.04	-11	-13
	5-71					3		13,230	3.63	480						
42W8C6684			1	13	1-42	13	2.1	10,964	3.29	361	13	24	-498	-.03	-22	-31
	5-71					5		12,981	3.51	455						
42W8C9030			1	17	1-42	17	2.5	11,384	3.75	427	25	25	-321	+.05	-5	-12
	5-71					6		12,512	3.56	446						
42W8D1328			1	11	1-42	11	1.9	11,328	3.58	406	**	22	0	+.01	+1	+1
	1-71					5		11,037	3.54	391						
42W8D4299			1	18	1-42	18	1.9	13,774	3.46	476	**	24	+153	-.04	0	+4
	5-71					1		13,053	3.65	477						
42W8G6375			1	31	1-42	31	2.0	11,552	3.48	402	7	27	-430	+.01	-14	-23
	5-71					3		13,086	3.45	452						
42WBI0153			1	13	1-42	13	2.2	12,966	3.70	480	27	24	+17	+.03	+5	+5
	5-71					5		12,778	3.54	452						
42W8K3775			1	11	1-42	11	1.0	9,125	3.63	331	9	18	-415	+.02	-12	-21
	1-71					10		11,129	3.53	393						
42W8M0125			1	10	1-42	10	1.0	9,482	3.53	335	50	18	-266	-.01	-11	-16
	5-71					5		10,660	3.69	393						
42W8N8116			1	11	1-42	11	1.7	14,293	3.40	486	22	21	+92	-.01	+2	+4
	5-71					14		13,855	3.43	475						
42W8N9718			1	13	1-42	13	1.9	11,615	3.62	420	0	23	-214	+.03	-3	-8
	1-71					11		12,382	3.48	431						

REGISTRATION NUMBER	NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF OAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... OAUS HM/OAU	REC/OAU HEROMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
42W8N9719			1	13	1-42	13	1.3	12,208	3.42	417	**	21	+27	-.01	-1	0
	1-71					15		11,870	3.50	416						
42WBQ5901			1	17	1-42	17	2.2	12,174	3.29	401	**	25	-434	-.02	-19	-27
	5-71					6		13,901	3.45	480						
42W8R7493			1	12	1-42	12	1.2	11,790	3.60	425	**	19	+215	.00	+8	+12
	5-71					9		10,318	3.60	371						
42W8S2227			1	14	1-42	14	1.1	14,652	3.34	489	**	20	+154	-.06	-3	+2
	5-71					6		13,877	3.68	511						
42W8T9452			1	14	1-42	14	1.0	11,956	3.69	441	**	19	-153	.00	-5	-8
	5-71					2		12,624	3.71	468						
42WBU5918			1	11	1-42	11	1.0	15,296	3.35	513	**	18	-68	+.02	0	-2
	5-71					2		15,869	3.28	521						
42W8V4050			1	10	1-42	10	1.0	12,232	3.34	409	100	18	-225	+.01	-7	-12
	9-70					14		13,461	3.33	448						
42X8C2416			1	15	1-42	15	1.7	12,653	3.37	452	0	23	+27	-.01	-1	0
	1-71					13		12,377	3.68	455						
42X8Y6533			1	12	1-42	12	1.0	14,738	3.55	523	8	19	+62	-.01	+1	+2
	5-71					8		14,458	3.60	520						
43WAE6150			1	14	1-43	14	2.5	15,419	3.52	543	7	25	+356	+.04	+18	+24
	5-71					13		14,009	3.34	468						
43WAH1959			1	13	1-43	13	1.0	10,320	3.79	391	9	19	-138	+.04	0	-4
	5-71					14		10,730	3.60	386						
45WAC7939			1	41	1-45	41	1.6	13,423	3.58	480	**	26	+211	.00	+7	+11
	5-71					8		12,472	3.60	449						
45WAC8455			1	13	1-45	13	3.1	16,671	3.68	614	0	26	+362	+.06	+21	+27
	5-71					9		15,417	3.48	537						
45WAD6692			1	18	1-45	18	1.1	12,767	3.37	430	6	21	-336	-.01	-14	-20
	5-71					16		14,418	3.46	499						
45WAD7717			1	36	1-45	36	2.1	13,018	3.68	479	**	27	+39	-.01	0	+1
	5-71					9		12,759	3.72	475						
45XAA9474			1	20	1-45	20	1.9	16,024	3.43	549	15	25	-79	-.04	-9	-10
	5-71					10		16,612	3.61	599						
45XA01550			1	13	1-45	13	1.7	13,623	3.77	514	23	22	-245	+.01	-8	-13
	5-71					37		14,819	3.78	560						
46WA84689			1	20	1-41	20	1.5	17,026	3.40	579	20	23	+391	-.08	+2	+12
	1-71					12		15,486	3.73	577						
46WA87320			1	26	1-46	26	2.2	12,610	3.32	419	**	27	-147	+.02	-3	-6
	5-71					5		13,069	3.27	428						
47WAC0409			3	9	1-47	13	1.4	14,484	3.33	482	55	24	-64	-.01	-4	-5
	5-71					40		14,841	3.39	503						
47WAE2617			1	12	1-47	12	1.0	14,623	3.82	559	0	19	+16	.00	0	0
	1-71					7		14,600	3.86	563						
48OXH0947			1	10	1-48	10	3.5	11,018	3.92	432	**	24	-310	+.05	-5	-12
	5-71					12		12,108	3.72	451						
48WA06724			1	21	1-48	21	3.0	15,572	3.24	505	0	27	+104	-.06	-4	-1
	5-71					23		15,331	3.44	527						
48WAE0601			1	49	1-48	49	1.6	13,236	3.70	490	19	26	-42	+.02	+1	0
	5-71					13		13,338	3.64	485						
48WAE5000			1	13	1-48	13	2.5	11,122	3.85	428	0	25	-288	+.03	-6	-12
	5-71					16		12,107	3.71	449						
48W8A0353			1	35	1-48	35	1.9	17,554	3.33	584	**	27	+424	-.03	+11	+20
	5-71					25		16,215	3.38	548						
48WH84480			1	11	1-48	11	2.5	14,115	3.56	503	**	23	-72	.00	-3	-4
	5-71					10		14,490	3.61	523						
48WH87905			1	17	1-48	17	2.5	12,359	3.47	429	**	26	-507	+.01	-17	-27
	5-71					5		14,369	3.47	498						
48WH87912			1	21	1-48	21	1.4	14,533	3.48	506	7	23	+475	-.01	+15	+25
	1-71					8		12,275	3.53	433						
48WHC7978			1	22	1-48	22	2.1	12,076	3.44	416	24	25	-162	-.01	-7	-10
	5-71					15		12,586	3.51	442						
48WH08707			1	12	1-48	12	1.9	13,978	3.13	437	0	23	+270	-.08	-2	+5
	5-71					3		12,670	3.50	444						
48WHE1277			1	26	1-48	26	2.5	14,949	3.77	563	0	28	+212	+.02	+11	+15
	5-71					30		14,216	3.71	527						
48WHE8054			1	39	1-48	39	2.2	12,735	3.77	480	4	28	-108	-.01	-5	-7
	5-71					28		13,036	3.86	503						
48WHF6999			1	19	1-48	19	1.6	16,121	3.29	531	19	24	-161	-.02	-8	-11
	5-71					32		17,124	3.37	577						
48WHG2270			1	15	1-48	15	1.8	16,519	3.63	599	**	24	+232	+.01	+10	+14
	5-71					3		15,709	3.58	562						
48WHI0200			1	15	1-48	15	1.0	11,624	3.25	378	17	20	-9	-.04	-6	-5
	1-71					6		11,424	3.53	403						
48WHJ1500			1	11	1-48	11	1.0	10,859	3.56	387	36	18	-150	.00	-6	-9
	1-71					100		11,438	3.66	419						
48XAE1648			1	13	1-48	13	1.0	8,451	3.67	310	8	19	-355	-.01	-14	-21
	1-71					33		9,922	3.81	378						
48XAE1659			1	11	1-48	11	1.0	14,939	3.63	542	18	18	+200	+.03	+11	+14
	5-71					1		13,826	3.45	477						
48XBH7230			1	27	1-48	27	1.2	18,141	3.31	601	27	23	+160	-.01	+5	+8
	5-71					23		17,820	3.28	585						
51WAC6851			1	18	1-51	18	1.4	10,424	4.03	420	**	22	-205	+.05	-1	-6
	5-71					1		11,054	3.83	423						
51WAJ4354			1	11	1-51	11	1.9	9,737	3.86	376	**	22	-475	-.01	-18	-27
	1-71					10		11,716	3.91	458						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
52AFS1532		1	16	1-52	16	2.4	11,776	3.69	434		7	26	-381	+.06	-6	-15
5-71					31		13,192	3.47	458							
52XA80278		1	11	1-52	11	2.7	12,953	3.69	478		**	24	-191	+.04	-2	-7
9-70					21		13,733	3.55	487							
52XAM2675		1	23	1-52	23	1.4	14,024	3.29	461		8	23	-110	-.07	-13	-14
5-71					18		14,565	3.60	525							
52XAU3527		1	16	1-52	16	3.1	14,961	3.26	488		6	27	+350	-.07	+3	+12
5-71					26		13,614	3.47	472							
52XAX9274		1	10	1-52	10	2.3	13,891	3.61	501		13	22	-415	+.01	-14	-22
9-70					7		15,948	3.60	574							
52XAY2304		1	10	1-52	10	1.0	11,146	3.91	436		20	18	-350	+.06	-5	-13
5-71					4		13,041	3.58	467							
52XAY2625		1	12	1-52	12	2.1	15,494	3.63	562		0	23	-313	+.01	-10	-16
5-71					41		17,177	3.61	620							
52X8A2570		1	19	1-52	19	1.8	16,163	3.39	548		9	25	+33	-.05	-6	-4
5-71					10		16,262	3.59	583							
52X8C4922		1	19	1-52	19	1.8	12,909	3.48	449		25	24	-190	-.04	-12	-15
5-71					13		13,666	3.69	504							
52X8I6341		1	12	1-52	12	1.0	10,005	3.56	356		0	19	-76	-.04	-8	-9
5-71					4		10,028	3.92	393							
55ADY6789		1	23	1-55	23	2.2	13,541	3.60	487		17	27	-329	+.01	-10	-17
5-71					11		14,874	3.58	533							
55WA84393		1	15	1-55	15	2.3	11,079	3.91	433		**	25	-414	+.01	-13	-22
5-71					6		12,633	3.86	488							
55WAH9473		1	23	1-55	23	1.9	11,852	4.09	485		0	26	-200	+.07	+2	-4
1-71					4		12,495	3.81	476							
55WAK6611		1	12	1-55	12	1.1	10,592	3.46	367		17	19	-334	-.02	-15	-21
5-71					4		12,179	3.65	444							
55WAN4903		1	10	1-55	10	1.1	14,426	3.50	505		11	18	+51	.00	+2	+3
5-71					14		14,169	3.48	493							
55WAN8710		1	10	1-55	10	1.8	16,077	3.37	542		22	21	-53	-.02	-4	-5
5-71					6		16,601	3.46	575							
55WAP3238		1	13	1-55	13	2.1	12,490	3.59	449		0	24	-239	-.01	-10	-15
5-71					19		13,458	3.69	496							
55WAP9020		1	14	1-55	14	2.1	12,531	3.71	465		0	24	-334	+.04	-6	-14
5-71					26		13,927	3.55	494							
55WAR2216		1	21	1-55	21	1.0	16,922	3.36	569		14	21	+205	-.05	0	+5
5-71					23		16,169	3.56	575							
55WAR2854		1	11	1-55	11	1.0	14,074	3.46	487		18	18	+237	.00	+8	+13
9-70					5		12,639	3.47	439							
55XDA4094		1	15	1-55	15	2.7	14,552	3.69	537		0	26	-93	.00	-3	-5
5-71					9		15,023	3.72	559							
57WAA7528		1	17	1-57	17	1.9	11,452	3.82	437		**	25	-40	+.05	+5	+3
5-71					4		11,361	3.60	409							
57WA86590		1	18	1-57	18	1.9	12,189	3.65	445		0	24	-382	+.01	-13	-21
5-71					5		13,746	3.65	502							
57WAC9205		1	12	1-57	12	1.6	12,267	3.52	432		14	21	-223	+.02	-5	-10
5-71					5		13,244	3.44	455							
57WAD5150		1	20	1-57	20	3.8	10,382	3.41	354		10	29	-500	-.02	-21	-30
5-71					27		11,932	3.53	421							
57WAI6174		1	11	1-57	11	1.0	14,027	3.58	502		0	18	-241	+.03	-5	-10
5-71					8		15,515	3.49	541							
61YA85032		1	30	1-61	30	1.5	16,055	3.51	564		3	25	-11	.00	-1	-1
5-71					11		16,345	3.54	579							
63WAD1607		1	19	1-63	19	2.2	14,053	3.42	480		16	26	+185	.00	+6	+10
9-70					25		13,267	3.41	452							
64WAF0157		1	19	1-64	19	3.1	11,555	3.62	418		19	27	-407	+.05	-8	-17
5-71					6		12,982	3.43	445							
64WAH6701		2	53	1-64	55	2.5	15,521	3.33	517		0	30	+364	-.05	+6	+14
5-71					36		14,360	3.45	495							
64WAI0250		1	18	1-64	18	1.7	15,840	3.73	591		6	23	+29	-.01	-1	0
5-71					20		15,911	3.83	609							
65ADM8800		1	13	1-65	13	1.9	11,206	3.53	396		0	23	+35	.00	+1	+2
1-71					8		10,735	3.54	380							
65AEX5775		1	15	1-65	15	1.4	10,723	3.52	377		15	22	-233	.00	-8	-13
5-71					8		11,562	3.55	411							
73ACV6151		1	16	1-73	16	1.0	11,803	3.24	383		**	20	-320	.00	-11	-17
5-71					5		13,355	3.26	435							
73WAE1386		1	12	1-73	12	1.0	16,063	3.18	511		0	19	+153	-.05	-1	+3
5-71					4		15,382	3.39	521							
81WA84975		2	7	1-81	12	1.3	12,222	3.63	444		0	27	-347	+.01	-11	-18
5-71					9		13,481	3.61	487							
82WAC3751		1	11	1-82	11	2.1	13,792	3.75	517		27	22	-445	+.07	-7	-17
5-71					22		15,999	3.50	560							
82WAC6796		1	12	1-82	12	2.9	12,226	3.66	447		18	24	+3	+.03	+4	+3
5-71					9		12,020	3.50	421							
82WAC9809		1	20	1-82	20	3.3	17,138	3.16	541		6	28	+638	-.12	+6	+22
5-71					17		14,915	3.48	519							
82WAE1865		1	14	1-82	14	1.5	11,871	3.61	428		10	22	-133	-.01	-6	-8
1-71					2		12,332	3.71	458							
82WAE2483		1	16	1-82	16	2.6	14,947	3.61	540		0	26	+176	-.01	+5	+9
5-71					13		14,296	3.64	521							
82WAH1825		1	26	1-82	26	1.7	13,820	3.44	476		**	25	-218	-.02	-10	-14
5-71					12		14,766	3.54	522							

REGISTRATION NUMBER	NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
84SDW5411			1	15	1-84	15	1.0	18,765	3.27	614	47	20	+205	-.07	-2	+4
	5-71					6		18,145	3.54	643						
84SEN9758			1	16	1-84	16	1.5	13,473	3.47	468	31	23	-286	+.02	-8	-14
	5-71					15		14,836	3.43	509						
84WAC4062			1	16	1-84	16	1.0	11,686	3.72	435	21	20	-420	+.04	-10	-19
	5-71					2		13,786	3.55	489						
86WAD9100			2	17	1-86	19	2.7	14,711	3.50	515	**	28	+297	.00	+11	+17
	5-71					40		13,635	3.48	475						
87WA84407			1	17	1-87	17	2.4	14,054	3.36	472	7	26	-168	-.01	-7	-10
	9-70					32		14,795	3.41	504						
87WAD9113			2	10	1-87	12	1.5	11,137	3.50	390	**	23	-726	+.05	-20	-35
	5-71					7		14,417	3.33	480						
87WAX1671			1	12	1-87	12	1.0	14,628	3.17	464	25	19	-406	-.04	-20	-27
	1-71					5		17,133	3.43	587						
87WAX2000			1	21	1-87	21	1.4	13,911	3.50	487	7	23	-126	+.03	-1	-4
	5-71					45		14,523	3.41	495						
91WAG1615			1	13	1-91	13	2.9	13,940	3.34	465	**	24	-132	-.04	-10	-12
	5-71					7		14,564	3.51	511						
92ACW0696			1	12	1-92	12	1.0	11,971	3.55	425	**	19	-354	-.03	-17	-23
	5-71					1		13,873	3.77	523						
93WAC0520			1	22	1-93	22	1.0	14,851	3.61	536	0	21	-278	+.03	-6	-12
	5-71					108		16,414	3.50	574						
93WAC8944			1	14	1-93	14	1.0	15,380	3.78	582	7	19	-150	+.04	0	-4
	1-71					25		16,411	3.65	599						
93WAD0579			2	17	1-93	33	1.0	18,415	3.78	696	20	33	-54	+.08	+9	+6
	5-71					119		19,095	3.59	686						
93WB86509			1	19	1-93	19	4.0	14,810	3.67	544	7	29	-35	+.04	+4	+2
	5-71					216		15,044	3.56	535						
93WBD0988			1	11	1-93	11	1.0	15,795	3.58	566	0	18	-142	-.01	-7	-9
	5-71					61		16,873	3.67	619						
93WCK8393			1	28	1-93	28	1.6	16,816	3.84	646	6	25	-66	+.07	+8	+5
	5-71					431		17,434	3.60	627						
93WCK8394			1	52	1-93	52	1.8	18,901	3.68	695	**	28	+536	+.03	+23	+33
	5-71					434		17,296	3.60	622						
93WC00001			2	88	1-93	92	1.0	18,391	3.56	655	5	25	+466	-.02	+14	+24
	5-71					482		16,812	3.62	608						
93WC00003			2	86	1-93	99	1.0	17,109	3.66	627	11	27	+154	+.02	+9	+11
	5-71					457		16,831	3.59	605						
93WCY5630			4	11	1-93	24	1.8	17,755	3.98	706	6	37	+168	+.15	+27	+27
	5-71					93		17,679	3.67	649						
93WDE7596			1	13	1-93	13	1.0	19,352	3.31	641	0	19	+207	.00	+8	+12
	5-71					51		18,741	3.25	609						
93WDF6832			1	10	1-93	10	1.0	18,796	3.48	655	**	18	+252	+.02	+12	+16
	5-71					133		17,753	3.37	598						
93WDH3732			1	11	1-93	11	1.0	17,865	3.22	576	**	18	+107	-.03	0	+3
	5-71					327		17,645	3.36	592						
93WDI5622			1	26	1-93	26	1.3	20,156	3.37	680	8	23	+515	-.03	+14	+25
	5-71					82		18,378	3.46	635						

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426784 LILAC REMUS GEORGIC.....	35-75	14	1	6-32,35,	16	2.3	8,144	5.00	407	**	51	-183	.00	-9	-12
09-14-41 328497 1147453 5-71				48,55,58	15		8,469	5.01	424						
439203 U. W. JDAN SIR GINGER.....	35-75	17	1	8-32,55,	20	2.1	9,362	4.60	431	**	55	+526	-.21	+7	+19
05-01-42 360310 1199465 5-71				57,58,92	16		8,348	4.97	415						
448498 8EAU HELEN RUSTY.....*	51-01	15	2	6-21,23,	20	2.2	8,887	4.92	437	**	53	+118	-.08	-1	+2
04-22-42 361089 1201608 5-71				50,51,56	15		8,643	5.09	440						
453139 RDSELAND BEAUTY DESIGN.....*	51-02	22	3	5-22,23,	38	2.6	8,082	5.16	417	**	66	-21	+.06	+4	+3
01-26-44 359224 1171531 5-71				33,51,56	11		8,034	5.08	408						
455708 VOLUNTEER STANDARD LADDIE.....*	35-75	31	1	8-74,82,	33	2.1	8,935	5.34	477	**	67	-254	+.17	+2	-5
02-22-44 415683 1182397 5-71				91,92,93	14		9,369	5.10	478						
458296 FAMOUS CLOUD.....	71-01	11	2	1-71	14	2.1	8,058	4.79	386	**	44	+66	-.06	-2	0
04-13-44 389486 1282290 5-71					8		7,803	4.95	386						
460788 DUKE 8EAU GIPSY.....*		10	15	5-12,13,	42	3.9	10,733	5.03	540	**	50	+13	-.08	-6	-5
08-07-43 356579 1166895 5-71				16,21,57	28		10,913	5.19	566						
475541 LILAC REMUS UNRIVALED BRUND...	35-75	10	14	1-21	49	3.7	9,060	5.15	467	**	55	-33	+.02	0	-1
11-28-45 409293 1325401 5-71					20		9,153	5.15	471						
475547 SYBIL DWLS CARDLINA KING.....*	35-75	48	1	11-31,55,	56	2.5	8,446	4.81	406	**	77	+164	-.08	+1	+5
12-28-45 396681 1124540 5-71				57,58,64	24		8,165	4.90	400						
476084 SPARKLE SOUVENIR DESIGN.....*	51-01	34	3	7-23,51,	64	2.4	7,157	4.76	341	**	76	-262	-.14	-25	-28
12-08-45 450796 1373372 5-71				54,56,64	12		7,354	5.00	368						
476925 SYBIL OWL REMUS.....*	16-01	17	2	4-11,12,	23	2.7	8,967	5.33	478	**	59	+8	+.09	+8	+7
09-24-45 396681 1325407 5-71				16,56	9		8,964	5.21	467						
479243 JUNE VOLUNTEER MISSIONARY.....*	35-75	9	1	4-33,35,	11	2.6	8,979	5.00	449	**	42	+234	-.05	+7	+12
03-29-46 384221 1391136 5-71				41,42	12		8,369	5.15	431						
480635 LILAC REMUS UNRIVALED COLIN...*	72-01	20	8	3-42,65,	62	2.9	7,509	5.09	382	**	68	-50	+.09	+5	+3
11-05-46 409293 1192575 5-71				72	14		7,443	4.93	367						
481978 8ILTMORE SIGNAL SIR.....*	63-02	21	2	4-32,55,	28	1.9	7,192	4.98	358	**	60	-502	+.01	-24	-33
10-02-46 419567 1402198 5-71				57,63	10		7,935	4.98	395						
482207 ADVANCERS VALIANT HEIR.....*	65-02	10	2	2-31,65	13	1.7	7,034	4.86	342	**	41	-107	+.02	-4	-6
06-29-46 367164 1164872 5-71					7		7,122	4.83	344						
482787 SIR STANDARDS ROYAL PRINCE....*	48-01	8	3	3-48,73,	16	2.5	8,271	5.11	423	**	46	-173	+.01	-8	-11
07-31-46 371760 1380822 5-71				74	13		8,624	5.14	443						
483975 MIDDLEBROOK 8ASIL.....*		6	4	5-32,33,	13	1.5	7,178	5.29	380	**	33	-173	+.07	-3	-7
02-17-46 448354 1259417 5-71				43,61,74	16		7,572	5.11	387						
491725 WELCDME REMUS ARAB.....*	13-01	9	7	4-11,13,	34	2.8	8,248	5.44	449	18	54	-192	+.08	-3	-7
05-28-47 399447 1285265 5-71				14,55	15		8,581	5.33	457						
493165 FAVORITE ADVANCER.....*		10	2	7-42,43,	15	2.5	9,314	5.28	492	**	45	+48	+.01	+3	+4
03-10-47 457631 1447061 5-71				82,91,92	14		9,246	5.31	491						
493801 MASTERMAN STANDARD SEAL.....*		2	15	1-74	29	2.5	7,406	5.05	374	**	37	-282	+.02	-12	-17
07-28-47 431562 1297748 5-71					31		8,092	5.00	405						
497573 WELCDME SIEGFRIED VULCAN.....*	22-03	8	21	2-22,55	35	3.5	9,827	5.27	518	**	39	-145	+.13	+4	0
10-16-47 399447 1384596 5-71					59		10,352	4.98	516						
497574 WELCDME HIGH LAWN TORDND.....*	31-02	206	17	36-14,31,	853	3.3	9,979	4.99	498	6	95	+863	-.05	+38	+54
12-21-47 399447 1416139 9-70				55,56,63	35		9,093	5.06	460						
498377 NICOTINE DESIGN STAN.....*		3	13	1-56	17	3.4	7,639	4.88	373	**	29	+44	-.04	-1	0
09-07-47 361360 1431333 5-71					22		7,337	5.08	373						
498830 ELMWDOD NEDNICK PEDRD.....	93-01	9	7	1-93	34	2.4	9,996	5.11	511	**	55	+68	+.10	+12	+12
09-20-47 434403 1259001 5-71					45		9,986	4.95	494						
499053 CLEDS VOLUNTEER REMUS REX.....*	91-01	18	1	1-91	19	2.0	9,085	5.24	476	**	53	+6	.00	0	0
09-14-47 455708 1289351 5-71					7		9,099	5.26	479						
502328 WELCOME SIEGFRIED ROMEO.....*		1	46	1-34	46	3.2	10,497	5.48	575	**	30	+31	+.07	+8	+7
05-21-48 399447 1367790 5-71					41		10,565	5.31	561						
503523 IMP. SURVILLE GOLD DESIGNER...*		10	7	9-11,15,	22	3.3	8,494	5.18	440	**	44	-219	+.02	-9	-13
03-20-44 010007413 010051470 5-71				23,31,43	13		9,007	5.17	466						
505078 REMUS STANDARD REX.....*	93-05	9	3	5-82,85,	16	2.6	8,739	5.32	465	0	45	-416	+.15	-8	-17
02-10-48 455708 1506366 5-71				88,91,93	13		9,747	5.03	490						
505285 LOUISOXFORD WESTERN PRINCE....*		3	12	1-91	16	2.8	8,820	5.22	460	**	29	+175	-.05	+4	+8
04-26-48 456740 1473578 5-71					5		8,136	5.51	448						
506147 SPARKLE SUPREME.....*		27	4	16-14,22,	45	2.6	9,878	5.10	504	**	67	+345	-.05	+13	+20
12-28-47 400669 1325229 5-71				23,31,86	21		9,419	5.19	489						
506894 COURAGEOUS 8LONDE STANDARD....*	23-05	15	2	1-23	19	2.4	8,244	5.16	425	**	54	-77	+.01	-3	-4
08-28-48 413575 1446402 5-71					8		8,338	5.18	432						
508399 SY8IL OWL EXPEDITER.....*	34-01	38	5	2-31,34	98	3.3	8,616	5.05	435	4	82	+399	-.08	+13	+21
11-16-48 396681 1256225 5-71					11		8,046	5.18	417						
508401 REMUS SY8IL EMINENT.....*	12-03	80	3	6-12,13,	147	3.3	9,273	5.22	484	5	89	-7	+.05	+4	+3
10-13-48 409293 1273512 5-71				15,21,22	16		9,330	5.18	483						
508599 8ASILOATEUS.....*	63-02	25	1	3-57,63,	27	2.7	7,967	4.92	392	**	64	-125	+.01	-5	-7
01-25-47 463756 1523316 5-71				64	13		8,089	4.91	397						
508910 RECORDS CECIL OF HOMEWOOD.....*	52-01	28	6	3-51,52,	68	3.1	8,526	5.13	437	**	73	+248	+.05	+17	+21
09-30-48 475359 1533425 5-71				58	17		8,113	5.05	410						
510779 RIVER 8END REMUS SAM.....	91-01	48	2	2-81,91	83	2.1	9,213	5.39	497	**	81	+80	+.12	+15	+15
09-21-48 460914 1363460 5-71					9		9,144	5.27	482						
510889 GEMS STANDARD SIR.....*	48-01	6	2	4-48,74,	10	1.4	6,869	5.31	365	**	32	-152	+.03	-5	-8
10-31-48 409647 967149 5-71				84,87	17		7,183	5.26	378						
519399 ZINNIAS ADVANCER TOPFLIGHT....*	33-02	35	3	4-33,35,	80	2.7	8,378	5.04	422	15	80	-36	-.02	-4	-4
08-30-48 462656 1443670 5-71				41,42	9		8,377	5.10	427						
520539 TRISTRAM BASIL 8ARON.....	41-01	38	8	3-41,42,	133	2.6	7,835	5.35	419	9	82	-454	+.18	-8	-18
05-01-49 435991 1324349 5-71				45	8		8,341	5.13	428						
520765 HOPES STANDARD DESIGN.....*		6	6	3-23,51,	16	2.8	8,319	5.40	449	**	39	-56	+.02	-1	-2
10-23-49 499055 1258364 5-71				57	20		8,421	5.39	454						
521050 FILLPAIL HIGHFIELD SULTAN.....*		8	75	5-57,58,	107	2.8	6,997	5.05	353	**	38	-86	+.05	0	-2
10-09-49 400669 1162835 5-71				61,63,64	48		7,048	4.85	342						
521405 SIR CHALLENGER MONARCH.....*	35-04	7	12	2-91,93	34	3.9	11,103	5.40	600	**	48	+287	+.11	+24	+27
05-29-49 449269 1579914 5-71					18		10,693	5.26	562						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... OAUS HM/OAU	REC/OAU HEROMATE	MILK	%	FAT	% 1ST INC	% REPT	PREOICTED DIFFERENCES MILK	%	FAT	$$
521598 TRISTRAM BASIL JESTER.....	35-02	30	5	5-33,34,	90	2.5	8,374	5.21	436	12	79	-44	+.02	0	-1
05-20-49 435991 1619010 5-71				35,46,65	9		8,384	5.19	435						
521688 RIVERSIDE OBSERVER EAGLE.....*	42-02	24	5	2-42,73	54	2.9	8,350	4.93	412	18	70	+374	-.07	+12	+20
07-22-49 440103 1555422 5-71					10		7,696	5.07	390						
522014 FONTAINE FORTRESS DESIGN.....*	33-03	35	1	13-13,21,	35	2.5	7,414	5.34	396	**	69	-554	+.15	-15	-27
11-28-49 485608 1663090 5-71				23,34,35	9		8,144	5.11	416						
522563 JESTER J. CUTE PINN.....*		6	3	2-72,74	15	1.7	6,282	4.81	302	**	40	-296	+.02	-13	-18
03-13-50 504013 1613884 5-71					14		6,831	4.77	326						
524573 BRAMPTON BIJOU RECOROS.....*	43-02	38	10	9-43,48,	114	2.7	7,579	5.28	400	9	76	-356	+.12	-8	-16
04-26-49 010101251 010114461 5-71				56,57,63	15		7,960	5.13	408						
524581 FAVORITE ADVANCERS DANDY.....*	35-75	79	3	14-82,87,	136	3.2	9,183	5.14	472	**	88	+200	.00	+10	+13
02-07-49 493165 1636078 5-71				91,92,93	17		8,968	5.15	462						
524894 RELIABLE BASIL.....*		9	9	4-57,58,	30	2.5	7,407	5.04	373	**	48	-160	+.03	-5	-8
09-15-49 467544 1357200 5-71				63,64	63		7,619	4.97	379						
525658 PINN STANDARD JESTER JERRI....*		3	23	1-74	40	3.2	5,290	5.07	268	**	40	-227	+.03	-9	-13
03-27-50 497025 1566152 5-71					37		5,522	5.00	276						
525856 XENIA ARISTOCRAT.....*		3	31	1-58	38	2.3	7,554	4.90	370	**	31	-24	.00	-1	-1
03-24-50 398161 1388907 5-71					62		7,498	4.91	368						
528459 ZINNIAS LILAC ADVANCER.....*		6	25	3-88,91,	56	2.1	8,739	5.26	460	**	43	+179	-.03	+6	+10
01-08-50 496743 1531626 5-71				92	48		8,265	5.40	446						
528498 LULUS SYBIL OWL.....*		5	17	1-14	30	2.9	10,040	5.17	519	**	38	+195	-.01	+9	+13
07-21-50 493464 1189344 5-71					19		9,601	5.23	502						
529754 MARLU ADVANCER STANDARD.....*	61-01	88	4	10-33,58,	209	3.0	7,977	4.90	391	**	91	-16	-.10	-10	-9
04-10-50 462656 1541994 9-70				61,63,65	12		7,900	5.05	399						
530097 TRISTRAM BASIL STANDARD.....*	87-01	44	4	4-81,82,	106	2.9	8,597	5.14	442	**	83	-290	+.09	-7	-13
05-19-49 435991 1493718 5-71				87,92	10		8,958	5.06	453						
530104 TRISTRAM BASIL BARONET.....*		32	80	14-33,35,	146	3.5	10,343	5.22	540	5	45	+157	+.01	+9	+12
05-12-50 435991 1223303 5-71				41,42,43	23		10,125	5.21	528						
530280 SIGNAL COMMANDERS OBSERVER....*		7	63	2-52,74	76	3.5	8,105	5.24	425	4	35	-256	+.07	-7	-12
05-20-50 419248 1638576 5-71					46		8,840	5.07	448						
530454 FARMER BROWN.....*		37	13	14-16,31,	94	2.3	7,229	5.37	388	7	68	-781	+.16	-26	-42
07-26-50 487849 1238404 5-71				33,41,91	18		8,327	5.12	426						
530694 ROBERTA ROYAL ADVANCER.....		3	12	1-86	17	2.2	9,472	4.49	425	**	30	+342	-.09	+9	+16
10-30-50 413744 1409792 5-71					30		8,270	4.73	391						
530709 CALIFORNIA NEONICK EDGAR.....		1	12	1-93	12	1.0	12,311	5.36	660	**	19	+218	+.05	+15	+18
08-24-50 434403 1351731 5-71					71		11,391	5.23	596						
531008 BRAMPTON MONT BEACON.....*		15	21	4-61,63,	52	3.3	8,064	4.91	396	**	49	+76	-.04	0	+2
05-19-50 485616 1982821 5-71				64,65	16		7,803	5.04	393						
531074 SIGNAL OXFORD SULTAN.....*	48-01	25	10	5-47,48,	106	2.3	8,693	4.91	427	14	74	+419	-.10	+12	+21
10-30-50 419248 1287233 5-71				72,73,74	18		8,050	5.06	407						
531188 MARLU DANDY ADVANCER.....*	35-75	29	1	12-55,57,	34	2.3	7,385	4.96	366	**	67	-356	+.07	-12	-19
05-11-50 514884 1569633 5-71				58,64,74	30		7,810	4.85	379						
531272 WONDERFUL COMMANDO.....*	43-02	19	3	2-41,43	33	2.6	8,437	5.08	429	0	64	+21	-.01	0	+1
06-06-50 457631 1631365 5-71					9		8,354	5.15	430						
531775 DUKE GIPSY BALE.....*		7	9	4-13,58,	27	2.8	8,336	4.87	406	0	46	+26	-.01	0	+1
05-19-50 460788 1355637 5-71				64,74	58		8,215	4.93	405						
531795 PINN BASIL S.M. MARK OF O.V...*		1	38	1-93	38	4.0	10,690	5.11	546	**	31	+170	-.05	+4	+8
12-16-49 477650 1551193 5-71					30		10,282	5.27	542						
532144 SUNSHINE JESTER STANDARD.....		1	24	1-74	24	2.8	8,667	5.65	490	**	27	-96	+.08	+2	-1
08-13-50 431562 1302644 5-71					36		9,042	5.36	485						
532528 GEMS ADVANCER COMMANDO.....*		25	4	10-55,56,	72	2.2	8,158	4.83	394	**	76	-98	+.03	-2	-4
05-31-50 457631 1447059 5-71				57,65,74	25		8,226	4.78	393						
532573 PIXYS CHALLENGER.....*		3	23	1-35	27	5.0	9,413	5.27	496	**	32	-133	.00	-7	-9
12-30-50 511388 1362743 5-71					26		9,937	5.31	528						
533161 ADVANCER ENA BASIL.....*		1	20	1-65	20	3.3	7,933	4.36	346	**	27	+262	-.03	+10	+15
08-29-50 501695 1405155 5-71					14		6,742	4.36	294						
533245 W R LORD CLAIR OXFORD.....*		2	11	2-43,74	13	1.6	8,798	4.92	433	0	23	+88	-.02	+3	+5
07-30-49 486937 1500185 1-71					4		8,371	4.97	416						
533918 QUECHEE ROYAL BASILEUS.....*		4	6	2-13,21	11	3.1	7,608	4.78	364	**	30	-359	-.02	-20	-26
11-27-50 472611 1318761 5-71					19		8,788	4.90	431						
534273 ELMWOOD JAMSNICK PRESTO.....	93-01	5	3	1-93	12	2.2	9,704	5.46	530	**	38	-275	+.11	-4	-10
02-07-51 434400 1259001 5-71					36		10,613	5.21	553						
534388 POMPOUS SPARKLING STANDARD....*		3	20	1-64	24	3.3	6,549	5.01	328	**	31	-99	+.01	-4	-6
01-12-51 477230 1584817 5-71					21		6,651	4.99	332						
534758 BRIGHAM VOLUNTEER HERALD.....*	23-05	44	4	3-23,31,	92	2.9	9,352	4.99	467	**	82	+245	-.11	+2	+8
04-18-51 454316 1423940 5-71				54	12		9,074	5.15	467						
534909 JESSOMA XENIA STANDARD.....*		1	11	1-74	11	2.8	8,118	4.50	365	**	24	+38	-.03	-1	0
08-07-50 010115849 010089944 5-71					70		7,862	4.67	367						
535422 JESTER STANDARD JESTER.....	65-02	31	3	2-64,65	52	2.7	7,654	4.82	369	**	74	-27	-.04	-5	-5
01-29-51 441200 1431443 5-71					13		7,562	4.89	370						
535756 BASIL FERNHILL.....*		13	19	2-31,34	42	3.6	7,048	5.31	374	**	46	-404	+.01	-19	-26
11-04-50 461655 1663048 5-71					17		7,835	5.28	414						
535925 JESTER BASIL SONNY.....*		3	25	1-54	29	5.1	8,462	5.05	427	**	32	-50	+.03	0	-1
01-15-51 448354 1468716 5-71					11		8,594	5.00	430						
535985 BRAMPTON BELMONT W R.....*		4	19	1-31	28	3.9	7,319	4.91	359	**	36	-212	-.05	-15	-18
05-23-50 010101251 010187476 5-71					10		7,809	5.12	400						
536052 BLONDE AIMS DREAMER.....*		6	21	1-63	46	2.5	6,200	4.87	302	**	44	-337	-.01	-18	-24
06-02-51 501077 1600813 5-71					29		6,760	4.94	334						
537225 PEPPERS UNRIVALED REMUS JACKIE*		10	5	3-22,23,	18	3.3	7,578	5.28	400	**	44	-199	+.03	-7	-11
10-20-50 491730 1629054 5-71				31	9		7,938	5.24	416						
537614 BASIL FARINEUSE STANDARD.....*	61-01	40	3	5-42,57,	60	2.9	8,383	4.87	408	**	76	+196	-.10	+1	+6
03-13-51 448354 1389895 9-70				61,63,65	18		8,046	5.01	403						
537731 BARBERS CONTRIBUTION.....*	65-02	22	5	6-56,58,	49	2.0	7,155	5.24	375	**	66	-477	+.09	-16	-26
10-30-50 514884 1631374 5-71				64,65,72	33		7,778	5.10	397						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... OAUS HM/OAU	REC/DAU HEROMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
538279 SPARKLING PRE-EMINENT.....*	23-07	32	7	1-23	89	3.1	8,604	5.29	455	**	77		-176	+.04	-5	-9
04-12-51 447693 1503362 5-71					10		8,833	5.26	465							
538449 REMUS UNRIVALED KING.....*		4	17	1-34	33	3.3	10,025	5.30	531	**	41		+371	+.05	+23	+29
01-10-51 500215 1638584 5-71					7		9,146	5.24	479							
539725 SPARKLING BEECH FARM SIR.....*		9	4	9-13,21,	16	2.2	8,667	5.01	434	0	41		-132	-.07	-13	-14
02-11-51 473256 1429659 5-71				22,32,50	18		9,005	5.24	472							
539824 CANOY BANDIT.....*		17	6	9-11,14,	32	3.5	10,219	5.21	532	**	57		+75	.00	+4	+5
10-09-51 413575 1609141 5-71				21,23,63	38		10,225	5.22	534							
539849 REDMOND PRIDES DOUBLE CHIEF...*		4	9	1-91	26	2.9	9,078	5.63	511	**	44		-68	+.04	0	-2
08-27-51 517007 1738986 5-71					11		9,277	5.63	522							
539965 ROYAL ADVANCER ARROWHEAD.....		3	19	1-13	34	2.9	9,919	5.30	526	**	38		+140	+.02	+9	+11
10-27-51 525395 1713201 5-71					26		9,630	5.29	509							
540265 TRISTRAM STANDARD LORD.....*	16-04	82	3	8-13,14,	158	3.0	9,169	5.24	480	16	89		+95	+.06	+10	+11
08-25-51 435991 1606219 5-71				16,21,56	12		9,085	5.20	472							
540453 BELLAVISTA SUPREME BASIL.....*		1	10	1-93	10	1.6	8,534	4.65	397	**	20		+58	-.04	-1	+1
02-11-47 010106291 010101215 5-71					79		8,175	4.94	404							
540688 BRAMPTON JESTER MASTERMAN AIM.*		10	29	4-52,57,	73	2.9	8,096	5.04	408	**	50		+79	+.07	+10	+10
10-10-51 448354 1639601 5-71				64,74	67		7,837	4.86	381							
540718 WONDER BASIL DESIGNER.....*		8	19	2-52,56	33	2.6	7,723	4.84	374	**	37		-69	-.03	-6	-7
01-27-51 491704 1768019 5-71					21		7,809	4.96	387							
541155 SIGNAL FAVORITE VICTORY.....*		4	6	2-74,85	11	2.7	11,387	5.19	591	**	30		+267	-.11	+3	+9
02-23-51 419248 1604630 5-71					25		10,678	5.60	598							
541555 DUSTAN SYBIL BARON.....*		1	37	1-34	37	3.9	10,098	5.46	551	**	30		+69	+.04	+7	+8
02-17-52 497760 1517439 5-71					45		9,982	5.38	537							
541681 SIGNAL SABLES KNIGHT.....*	31-01	43	3	12-13,31,	81	3.1	8,964	4.90	439	18	81		+117	-.07	0	+3
10-25-51 419248 1556824 5-71				58,65,74	18		8,816	4.97	438							
541785 HARMONY WONDERFUL BOY.....*		2	7	2-82,93	10	1.5	10,210	4.76	486	**	24		+325	-.08	+9	+16
09-11-51 511869 1361918 5-71					29		8,849	5.06	448							
542092 ROSALIES FAVORITE DESIGN.....*		3	6	1-56	13	3.6	7,439	4.93	367	**	35		+22	-.01	0	+1
01-08-52 510322 1467599 5-71					26		7,212	5.03	363							
542289 SPARKLING ROYAL DRACONIS PRINC*		3	13	2-48,73	21	2.5	9,061	4.87	441	**	33		+2	-.01	-1	-1
03-12-51 445312 1546556 5-71					21		9,079	4.93	448							
542304 BRAMPTON STANDARD BEACON.....*	71-01	18	3	2-71,72	34	2.4	7,592	4.85	368	**	63		-307	-.02	-17	-22
03-24-51 010111595 010150923 5-71					9		7,996	4.90	392							
542513 SELECTED STAN FAVORITE.....*		2	26	2-57,63	35	4.1	8,320	4.94	411	4	36		-7	.00	0	0
10-08-51 454783 1545824 5-71					54		8,284	4.93	408							
542908 SIEGFRIED MODEL DUKE.....*	21-01	40	3	2-13,21	63	2.7	8,704	5.35	466	20	77		-372	+.21	-1	-10
10-10-51 457043 1289906 5-71					16		9,224	5.12	472							
542979 BRIGHAM REMUS INTREPID.....*		2	9	1-31	15	3.9	8,382	5.01	420	13	33		-243	+.03	-10	-15
02-12-52 409293 1289893 5-71					16		9,154	4.97	455							
543292 JUNE VOLUNTEER DAUNTLESS.....*		4	9	2-55,56	14	2.1	7,306	4.71	344	14	29		+79	-.04	0	+2
10-23-51 384221 1546779 5-71					49		6,833	4.86	332							
543429 BLONDES GOLDEN LAD JR.....*	91-13	24	5	4-31,32,	63	1.8	9,265	5.14	476	**	70		-109	+.06	0	-3
06-02-51 496820 1487879 5-71				58,93	18		9,484	5.07	481							
543757 JESTER HIGHFIELD DANOY.....*		5	10	1-93	17	3.0	10,947	5.03	551	**	33		+109	+.03	+8	+9
02-06-52 448354 1639207 5-71					25		10,817	4.96	537							
543758 DESIGNER BASIL VIOLA JESTER...*	63-03	12	4	4-23,63,	23	2.3	8,137	4.96	404	**	52		-43	+.01	-1	-2
02-20-52 448354 1663043 5-71				64,65	21		8,151	4.94	403							
543763 JESTER BRAMPTON DANOY BASIL...*		1	45	1-56	45	4.5	6,935	4.99	346	**	31		-60	.00	-3	-4
03-19-52 448354 1711279 5-71					11		6,939	5.02	348							
544881 PINNACLE BASILEUS ROYAL.....*		2	10	1-93	12	1.3	9,316	5.33	497	0	22		+199	-.03	+7	+11
07-11-51 516718 1510609 1-71					2		8,356	5.61	469							
544984 COMMANDOS FAVORITE RUSH.....*	33-02	22	3	1-33	40	2.8	7,715	5.46	421	24	68		-461	+.20	-6	-17
05-22-52 509188 1642418 5-71					10		8,341	5.16	430							
545293 CRYSTAL GLEN SYBIL DESIGN.....*		7	5	1-35	20	2.5	8,719	5.13	447	10	46		+33	-.02	0	+1
05-20-52 462828 1521215 5-71					11		8,624	5.23	451							
545950 STANDARD DREAMING SIR DUSTAN..*		3	29	2-63,92	35	2.5	8,542	5.16	441	**	31		-86	+.05	0	-2
06-23-52 488243 1603821 5-71					32		8,820	5.06	446							
546088 SYBIL JUGGLERS OXFORD.....*		14	12	11-13,14,	36	2.6	8,838	4.76	421	**	49		+40	-.10	-7	-5
09-28-51 453615 1363754 5-71				16,21,23	25		8,746	4.99	436							
546354 WASHINGTON SENATOR.....*		20	13	9-11,13,	55	3.2	9,644	5.28	509	3	58		-166	+.07	-2	-6
06-24-52 413575 1726367 5-71				14,21,63	49		10,052	5.20	523							
546447 ROYAL SPARKLING BINDLE.....*		15	7	5-13,14,	32	2.4	8,837	5.38	475	5	53		-588	+.19	-14	-27
05-01-52 447693 1344463 5-71				21,55,58	25		10,069	5.07	511							
546546 BASIL FASHION SIGNAL.....*		7	6	3-55,57,	17	2.0	7,367	5.19	382	**	37		-132	+.06	-1	-4
04-28-52 448354 1589642 5-71				65	23		7,600	5.03	382							
546588 WILLONYX JOAN SPORT.....*		4	4	3-74,85,	10	2.3	9,274	4.85	450	**	32		-13	.00	-1	-1
05-10-52 495517 1794704 5-71				86	44		9,371	4.90	459							
546663 BRAMPTON BASIL BEACON OF T.J.F*		10	5	2-58,64	26	3.4	7,572	5.23	396	**	54		-284	+.13	-3	-10
02-23-51 010111595 1806191 5-71					20		8,012	4.98	399							
546917 BLONDE ADVANCER BART LAD.....	35-02	10	5	3-34,35,	21	2.7	7,082	5.52	391	20	48		-471	+.11	-14	-24
09-11-51 469101 1380244 5-71				42	11		7,979	5.25	419							
547382 TULIPS ADVANCER AIM.....*		10	7	2-33,74	29	1.7	6,884	4.98	343	**	47		-557	.00	-28	-38
07-23-52 434714 1682243 5-71					7		7,995	5.00	400							
547568 SENTINEL CANOY MAN.....*		3	11	1-31	17	3.5	8,817	5.06	446	**	34		+87	.00	+4	+6
09-22-52 514884 1609141 5-71					27		8,529	5.08	433							
547731 MARLU ADVANCER JESTER.....*	23-04	31	2	2-21,23	50	2.8	7,363	5.30	390	**	74		-833	+.10	-34	-50
11-18-51 462656 1631361 5-71					11		8,451	5.17	437							
547748 BELMONT JESTER LOUIS.....*		5	44	2-58,64	52	4.7	7,983	4.80	383	**	35		-45	-.01	-3	-4
04-18-52 526995 1498363 5-71					15		8,031	4.83	388							
547773 CLEARBROOK DELLS RECORD.....	13-01	49	4	5-11,12,	94	2.7	8,843	4.92	435	21	81		-62	-.12	-14	-13
10-17-51 465493 1491168 5-71				13,14,58	13		8,928	5.10	455							
547848 BRAMPTON TIDYS FINEST.....*		4	28	3-21,58,	55	3.0	7,956	5.22	415	16	44		-78	+.14	+8	+5
05-10-52 467544 1707791 5-71				64	41		8,059	4.86	392							

REGISTRATION NUMBER NAME OF BULL	STUO CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST OAUS	... OAUGHTERS AND HEROMATES ... OAUS HM/DAU	REC/OAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
548159 TOREADOR BASIL TOREADOR.....*		10	28	6-31,35,	56	3.3	9,565	5.23	500	**	44	+242	+.02	+14	+18
12-04-51 504051 1665433 5-71				41,55,61	26		9,031	5.23	472						
548280 OANOYMAC TRIUMPH.....	41-04	29	3	2-35,41	54	2.6	8,279	5.02	416	27	74	-28	-.09	-9	-8
01-13-52 473256 1604255 5-71					9		8,259	5.18	428						
548772 TRISTRAM PINNACLE.....		1	13	1-51	13	1.3	8,393	5.18	435	**	21	+112	+.03	+8	+10
10-02-51 526919 1584883 5-71					6		7,735	5.03	389						
549805 BRIGHAM CONFIDENT IMPERIAL....*	21-01	81	2	6-11,13,	127	3.3	8,573	5.13	440	**	88	-164	+.03	-6	-9
11-02-52 470945 1447847 5-71				14,21,23	16		8,749	5.12	448						
549809 BRIGHAM CONFIDENT INFRED.....*	63-02	72	20	9-57,61,	383	3.1	9,846	4.72	465	10	88	+692	-.22	+14	+30
12-11-52 470945 1710001 1-71				63,65,72	27		9,079	4.96	450						
550024 OANOY TEFFIA ROYAL.....*	43-02	5	6	2-33,43	16	2.3	8,218	4.98	409	**	37	-73	-.04	-7	-8
01-15-53 524982 1755973 5-71					17		8,369	5.11	428						
550028 SPARKLE SIR.....*	31-01	28	8	5-23,31,	83	2.6	8,399	5.02	422	16	74	-37	-.05	-6	-6
05-22-52 473256 1325229 5-71				42,57,58	20		8,406	5.12	430						
550196 W R LORD DESIGN.....*	33-03	76	1	27-13,14,	86	2.9	8,242	4.97	410	8	85	-136	-.08	-14	-15
07-05-52 486937 1817994 5-71				21,32,34	14		8,352	5.10	426						
550723 BELL CITY BUTTER BOYS DUKE....*	33-03	60	2	21-13,23,	70	3.1	8,072	5.00	404	**	82	-27	-.06	-7	-7
06-08-49 550722 010166124 5-71				32,35,61	11		8,023	5.11	410						
551047 JESTER SULTAN BLONOE BASIL....*		6	9	1-31	19	1.9	8,029	5.06	406	0	35	+34	+.01	+3	+3
12-03-52 448354 1736665 5-71					10		7,830	5.01	392						
551139 STANDARD VOLUNTEER CELBERT....	93-10	16	56	3-91,92,	176	1.6	10,838	4.72	512	15	53	+110	-.07	-1	+2
12-17-52 484859 1478745 5-71				93	80		10,828	4.83	523						
551267 PINN COMMANDO.....*	48-01	13	4	2-23,48	32	2.6	8,041	5.15	414	**	61	-361	-.01	-19	-25
08-28-52 519111 1471259 5-71					12		8,612	5.20	448						
551448 ADVANCER RECORD SLEEPER.....*		7	3	3-48,57,	13	2.5	7,857	5.17	406	**	39	-84	+.05	0	-2
01-25-53 514338 1496981 5-71				72	20		7,988	5.05	403						
551462 GRIDERS POLLY KAVAT.....*		2	27	1-92	29	3.5	9,049	5.28	478	**	30	-130	+.09	+1	-3
03-02-53 530272 1624867 5-71					18		9,555	5.02	480						
551510 DUKE COMMANDO JESTER.....*		5	20	4-14,22,	38	3.1	8,922	5.04	450	20	41	+51	-.03	0	+1
07-10-52 457631 1631380 5-71				55,63	14		8,791	5.13	451						
551511 COMMANDOS FAVORITE ADVANCER...*		3	16	2-55,58	27	3.5	9,288	4.92	457	0	38	-115	+.04	-2	-5
09-27-52 457631 1541981 5-71					55		9,679	4.81	466						
551708 ROMANCERS MOOR PROGRESS.....*		7	19	2-21,23	36	3.1	8,762	5.31	465	17	41	-114	+.10	+3	0
03-03-53 473734 1619316 5-71					16		9,065	5.05	458						
551893 DANCES ITASKA DESIGNER.....*		2	8	1-14	10	3.1	7,931	5.60	444	**	25	-153	+.09	0	-4
10-29-52 517081 1811022 5-71					3		8,511	5.21	443						
552213 ILEEN CHIEF OF REDMOND.....*		6	15	4-86,88,	31	2.7	8,948	5.41	484	**	41	+127	+.04	+10	+12
12-12-52 433506 1553051 5-71				91,92	44		8,610	5.35	461						
552288 MARLU COMMANDO GLORY.....*		1	21	1-61	21	3.9	7,325	5.04	369	**	28	-17	+.01	0	0
12-26-52 457631 1709867 5-71					14		7,226	5.04	364						
552298 MARSHALL TRISTRAM POET.....*		8	24	3-55,56,	46	2.7	10,722	4.95	531	28	42	+340	+.03	+20	+25
12-18-52 533617 1820501 5-71				63	32		10,019	4.87	488						
552439 JANES JESTER VALIANT.....*		9	6	5-31,32,	23	3.1	8,358	4.93	412	**	47	-165	-.05	-13	-15
07-02-52 503451 1634414 5-71				33,41,42	13		8,694	5.07	441						
552535 TYCOON SYBIL FIDELITY.....*		14	6	3-13,14,	43	3.5	8,945	5.12	458	12	64	-310	+.02	-14	-20
08-09-52 421657 1553713 5-71				21	16		9,496	5.12	486						
552593 CAMPBELL BILTMORE STANDARD....*		1	21	1-55	21	3.6	6,579	4.96	326	**	28	-260	.00	-13	-18
05-05-53 462961 1503027 5-71					14		7,382	4.99	368						
552714 SYBIL JESTER JIM.....*		5	9	2-31,72	23	3.8	8,344	5.35	446	**	43	-124	+.13	+5	+1
01-04-53 419965 1759709 5-71					15		8,610	5.03	433						
552844 SIBLEYS DESIGN FOUR THOUSAND..	21-10	190	6	11-12,13,	568	2.5	9,387	5.06	475	14	96	+107	-.06	0	+3
01-12-53 528281 1427169 9-70				14,16,56	13		9,322	5.15	480						
552846 DESIGNS BRIGHT SPARKLE.....*		3	9	1-14	13	1.8	8,953	5.14	460	**	26	+13	-.02	-1	0
02-01-53 481494 1696258 5-71					22		8,910	5.29	471						
552953 NELLS STANDARD PIONEER.....*		3	8	2-52,58	11	2.2	8,322	4.88	406	**	26	+145	-.01	+6	+9
12-08-50 476202 1208090 5-71					10		7,637	4.90	374						
552954 SPARKLING TRISTRAM CHAMPION...*	47-01	12	4	1-47	37	3.4	8,592	5.17	444	**	64	+15	+.03	+3	+3
06-21-52 519828 1798690 5-71					9		8,537	5.14	439						
553146 KING PINN FLOROELL PINN.....*		4	9	2-31,34	16	2.9	8,125	4.64	377	**	33	+28	-.11	-8	-6
11-08-52 486157 1677360 5-71					11		7,949	5.04	401						
553149 BEAUTYS MASTER ADVANCER.....*	61-02	431	28	36-31,61,	2,107	1.9	8,420	4.92	414	14	96	-372	-.10	-27	-32
02-22-53 534585 1732726 1-71				64,65,74	33		8,803	5.03	443						
553236 SECRET SIGNAL OBSERVER.....*	35-75	40	8	21-14,21,	113	3.4	10,579	5.25	555	6	81	+605	+.09	+39	+48
05-20-53 497574 1556679 5-71				34,52,88	46		9,936	5.16	513						
553352 ZENITH SUNSET CUSTER.....*		6	8	2-41,65	30	1.7	7,299	4.95	361	**	46	-278	-.04	-17	-21
05-22-53 536816 1469621 5-71					14		7,797	5.07	395						
553407 BRAMPTON BELMONT RECOROS.....*		7	11	2-31,63	38	3.8	7,683	5.00	384	**	53	-300	-.07	-21	-25
03-19-52 485616 010178125 5-71					15		8,182	5.17	423						
553475 BELLE BEACONS PRINCE.....*		26	21	14-31,32,	63	2.8	8,210	5.35	439	**	52	-254	+.15	0	-7
04-08-52 522107 010181974 5-71				34,61,64	18		8,683	5.08	441						
553545 STAR BASIL AIM.....*		8	2	4-43,72,	15	1.9	6,659	5.18	345	**	43	-658	+.05	-29	-41
03-01-53 519960 1478991 5-71				73,74	21		8,130	5.06	411						
553622 OON TRISTRAM OF RIVERS BEND...*		4	21	1-92	28	2.1	8,666	5.25	455	10	32	-99	-.02	-7	-8
04-19-53 435991 1449167 5-71					13		8,997	5.37	483						
553684 THE PROGRESSOR.....		4	23	4-57,86,	32	3.1	8,937	4.71	421	**	35	+259	-.13	+1	+8
04-20-53 540908 1508329 5-71				92,93	37		8,127	5.09	414						
553901 FAIR-WEATHER DON VOLUNTEER....*		20	42	6-13,14,	101	4.1	9,128	5.26	480	11	51	+236	+.02	+14	+18
07-26-52 478650 1744602 5-71				21,34,64	68		8,647	5.24	453						
553904 FAIR-WEATHER CHAMPION SUPER8..*		63	70	18-21,33,	402	2.6	9,139	5.46	499	10	71	+110	+.16	+20	+19
12-12-52 539803 1725309 5-71				34,55,74	61		8,998	5.27	474						
554000 ADVANCERS ROYAL COLONEL.....*		1	13	1-72	13	2.7	8,851	4.62	409	**	24	+170	-.02	+7	+10
11-25-52 469101 1878096 5-71					81		8,049	4.61	371						
554165 ROYAL MAID MISTRESS BASILEUS..*		6	5	4-23,31,	16	1.4	7,999	4.95	396	**	37	+65	-.04	0	+2
03-02-53 441200 1601012 5-71				55,63	24		7,708	5.12	395						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
554184 SURVILLE JESTER DESIGNER.....*		5	7	4-31,55,	18	2.5	8,038	4.98	400	**	39	-118	+.04	-2	-5
04-18-53 503523 1529488 5-71				72,74	20		8,291	4.86	403						
554201 DOUBLE TOREADOR BASIL.....*		6	4	4-31,32,	14	3.4	10,783	5.11	551	**	41	+547	-.03	+25	+35
04-17-52 504051 1673077 5-71				55,56	26		9,507	5.21	495						
554237 BEACON X D PINNACLE.....*		3	10	1-92	19	3.0	8,600	4.95	426	**	36	-161	-.02	-10	-12
09-20-52 526363 1674890 5-71					12		9,077	5.06	459						
554344 DANDY ROYALIST FAME.....*		2	12	1-86	14	1.7	8,211	5.03	413	**	24	-335	+.07	-11	-18
08-21-52 445260 1522360 5-71					28		9,684	4.80	465						
554570 ILLINOIS CENTRAL BELMONT BEACO*	63-03	20	4	4-61,63,	49	2.6	7,793	4.79	373	**	70	-167	-.06	-14	-16
09-03-52 010120614 010176620 5-71				64,65	15		7,944	4.91	390						
554602 ZINNIA WINNIE DUKE.....*		4	7	1-74	12	2.3	8,197	4.76	390	**	29	-234	+.01	-11	-15
03-25-53 491174 1799990 5-71					20		9,037	4.76	430						
554608 BEACON PINN BASIL.....*		10	16	2-31,33	48	2.5	9,465	5.11	484	13	50	+181	+.01	+10	+13
09-19-52 513614 1613894 5-71					15		9,129	5.12	467						
554733 SIGNAL FAVORITE MIXER.....*		6	12	2-86,92	29	2.9	9,263	4.91	455	**	44	-108	+.04	-2	-4
06-20-53 419248 1604630 5-71					36		9,586	4.83	463						
554758 SPARKLE WONOROUS JESTER.....*		32	9	13-13,14,	75	3.5	8,532	5.38	459	5	71	-134	+.10	+2	-2
05-06-53 448354 1633679 1-71				21,23,57	17		8,708	5.25	457						
554759 JESTER BASIL ENA DANDY.....*	33-03	128	2	32-13,21,	179	2.5	7,844	5.10	400	18	91	-497	+.02	-23	-32
06-23-53 448354 1491520 5-71				23,32,33	16		8,339	5.10	425						
554842 MARLU COMMANDO BLONOE STAR....*	23-04	33	3	2-21,23	63	3.5	8,372	5.29	443	**	78	-194	+.11	0	-5
04-16-53 457631 1539106 5-71					15		8,598	5.18	445						
554877 TRISTRAM REMUS JOE.....*		7	5	2-13,21	18	4.2	9,921	4.96	492	**	45	+206	-.09	+2	+7
04-22-53 534862 1685601 5-71					27		9,534	5.16	492						
555023 FAVORITE ADVANCER ENVOY.....*		8	52	2-73,74	131	3.8	8,624	4.90	423	6	53	+87	-.03	+2	+4
10-14-52 493165 1604397 5-71					29		8,414	4.96	417						
555157 TRISTANOARD LORO BASIL.....*	93-10	10	8	2-92,93	35	1.7	10,428	5.36	559	**	51	+223	+.15	+25	+27
10-28-53 435991 1606219 5-71					8		10,114	5.12	518						
555209 BRIGHAM ADVANCER JOSE.....		1	36	1-34	36	3.3	7,432	5.07	377	15	29	-252	+.01	-12	-16
10-14-53 544480 1723692 5-71					8		8,256	5.09	420						
555217 SYBIL OXFORD TRISTRAM.....*		1	31	1-93	31	3.7	10,791	5.35	577	4	30	+147	+.06	+13	+15
07-11-53 472114 1489210 5-71					33		10,459	5.19	543						
555304 KING TUT PLEASANT SYBIL.....*		2	19	1-22	21	3.8	9,151	5.46	500	**	30	-158	+.08	-1	-5
10-27-53 482807 1414644 5-71					24		9,772	5.25	513						
555527 ADVANCERS DOUBLE DESIGN.....*		4	10	2-34,61	17	2.8	8,414	5.02	422	0	33	-64	-.04	-7	-7
11-14-53 529754 1399895 5-71					10		8,581	5.22	448						
555537 JESTERS LIBERATOR.....*	63-02	25	5	6-35,52,	68	2.3	7,920	5.11	405	5	73	-353	+.11	-8	-16
10-19-53 544382 1536863 5-71				55,61,63	16		8,353	4.97	415						
555597 BELMONT ROYAL AIM.....	41-01	34	7	4-32,41,	100	2.4	7,779	4.99	388	17	77	-379	-.05	-23	-29
10-25-52 526995 1891348 5-71				42,45	9		8,206	5.08	417						
555821 SPARKLING JEST BASIL BOY.....*		1	26	1-43	26	3.7	8,330	5.34	445	9	28	-175	+.05	-4	-8
01-01-53 473472 1714261 5-71					33		8,968	5.19	465						
556011 C.Z. DESIGN JESTER.....*		6	7	2-31,54	20	3.1	8,028	5.07	407	9	42	-84	-.01	-5	-6
06-16-53 536816 1667538 5-71					13		8,164	5.12	418						
556242 BRIGHAM ADVANCER JAN.....*	35-05	32	10	6-33,34,	93	2.5	9,189	5.05	464	13	73	-36	+.02	0	-1
12-01-53 544480 1710000 5-71				35,41,57	12		9,282	5.02	466						
556243 BRIGHAM ADVANCER JUSTIN.....	35-75	66	6	18-21,32,	166	2.2	8,831	5.14	454	18	86	-209	+.12	0	-5
12-10-53 544480 1740010 5-71				55,57,58	30		9,099	5.01	456						
556316 MEADOWRIDGE SUPREME.....*		17	23	11-32,33,	62	3.1	7,787	4.85	378	**	51	+40	-.02	0	+1
03-28-53 441200 1536928 5-71				34,55,63	32		7,580	4.88	370						
556478 BRAMPTON BASILS ORACONIAN.....*	63-02	31	6	5-55,58,	83	2.3	8,067	5.19	419	**	76	-292	+.17	0	-8
10-25-53 521994 1616992 5-71				63,64,74	19		8,407	4.95	416						
556479 BROWNYS BRAMPTON BASIL WARD...*		10	14	6-21,31,	51	2.8	8,263	5.18	428	10	54	-272	+.07	-8	-14
11-19-53 521994 1690964 5-71				32,63,93	21		8,758	5.08	445						
556839 BLONOE PRINCE ADVANCER.....*	63-02	23	1	3-57,58,	29	2.7	8,243	5.03	415	**	64	+67	+.05	+8	+8
09-19-53 469101 1487879 5-71				63	11		8,059	4.94	398						
556870 SYBILS VOLUNTEER BUDDY.....*		3	17	2-42,43	22	2.7	8,606	5.46	470	**	32	+88	+.04	+8	+9
12-13-53 470946 1891176 5-71					21		8,271	5.37	444						
557265 LILAC REMUS CONFIDENT.....*		11	9	4-12,21,	47	2.4	8,216	5.77	474	17	58	-441	+.18	-7	-17
12-22-53 470945 1727073 5-71				23,55	23		8,996	5.48	493						
557452 BROWDERS SIR PRINCE OF SULTAN.*		1	29	1-74	29	3.2	4,833	5.32	257	**	29	-283	+.05	-10	-16
10-24-53 530093 1547237 5-71					23		5,490	5.06	278						
557487 JESTER ETTA LADDIE.....*		5	13	3-21,31,	22	3.5	8,957	5.01	449	**	36	+104	-.05	+1	+4
06-28-53 530529 1767096 5-71				34	10		8,644	5.15	445						
557539 MASTERMAN GOLDEN GYRO.....*		1	29	1-74	29	2.4	8,197	4.77	391	**	28	+123	-.02	+4	+7
01-13-54 467898 1449907 5-71					10		7,632	4.85	370						
557542 STANDARD BEACON STORM.....*		7	29	3-65,74,	79	2.8	9,003	4.99	449	6	52	-272	+.03	-11	-16
01-28-54 523411 1834926 5-71				85	29		9,602	4.95	475						
557569 SURVILLE CERES PRIDE.....*	91-13	29	26	10-14,33,	165	2.6	11,323	4.85	549	8	70	+869	-.16	+28	+46
11-06-53 503523 1760788 5-71				47,92,93	26		10,218	5.05	516						
557572 SPARKLE MILK MAN.....*		1	37	1-31	37	2.5	7,713	5.30	409	18	28	-82	+.05	0	-2
02-08-54 473256 1410950 5-71					16		7,920	5.18	410						
557683 SECRET CRYSTAL SULTAN.....*		2	20	1-13	22	5.0	8,745	5.32	465	**	31	-190	+.10	-1	-6
02-10-54 497574 1820509 5-71					31		9,426	5.03	474						
557752 ROYAL LE RONOINS SPOTLIGHT....*		3	6	3-12,91,	12	5.3	9,568	5.20	498	0	35	+96	-.04	+1	+3
10-26-53 495971 1581355 5-71				93	17		9,339	5.36	501						
557865 MARLU DANDY COMMANDO.....*		5	5	6-31,32,	12	2.3	7,543	5.21	393	**	33	+54	+.03	+5	+6
10-01-53 457631 1743562 5-71				34,41,51	11		7,213	5.13	370						
557957 JESTERS ROYAL LAMPLIGHTER.....	16-04	75	3	5-12,13,	144	3.2	9,280	4.89	454	8	88	+13	-.19	-16	-13
11-04-52 501077 1805401 5-71				14,15,16	12		9,311	5.12	477						
557961 COMMANDO ADVANCER FAVORITE....*		7	47	4-55,56,	63	3.8	10,124	5.33	540	**	37	+33	.00	+2	+3
10-29-53 457631 1858250 5-71				57,58	66		10,168	5.36	545						
558001 VOLUNTEER JESTER BASIL.....*		2	27	1-43	29	2.5	6,591	5.33	351	**	28	-277	+.02	-12	-17
01-19-54 537585 1823773 5-71					13		7,431	5.25	390						

REGISTRATION NUMBER / NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... OAUS HM/OAU	REC/OAU HEROMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
558004 BRIGHAM CADMAN KAYNE.....		1	66	1-13	66	3.4	10,219	4.57	467		0	31	+212	-.12	0	+6
02-07-54 475548 1786149 5-71					15		9,602	4.89	470							
558130 SPARKLING AABARAX ADMIRAL OF O*		1	34	1-48	34	2.8	7,382	5.91	436		4	29	-199	+.09	-2	-7
03-15-54 512401 1601531 5-71					8		7,996	5.57	445							
558300 BRAMPTON OEAN RADAR.....*	33-03	108	2	29-21,32,	134	2.3	7,211	5.34	385		11	89	-842	+.19	-27	-44
07-20-52 475948 1982821 5-71				34,35,63	12		8,082	5.12	414							
558397 BRAMPTON JUNIOR BASIL.....*		4	51	3-63,65,	60	3.2	7,577	5.11	387	**	34		-173	+.02	-7	-10
12-08-52 529617 1556807 5-71				72	48		8,009	5.08	407							
558462 IOLEMERE LUCKY JIM.....*		2	9	1-93	11	1.6	8,919	5.01	447	**	23		-83	+.01	-3	-5
01-22-54 518770 1864247 5-71					54		9,337	5.00	467							
558463 OUTCH SHADILANE REPEAT.....*	93-05	13	7	4-82,91,	43	2.1	9,617	5.03	484	**	59		+16	-.02	-1	0
02-01-53 536643 1696890 5-71				92,93	8		9,672	5.10	493							
558730 DANOY PEGGY SPECIAL.....*	41-25	29	9	4-35,41,	86	2.4	7,935	5.20	413		15	72	-240	.00	-12	-16
01-23-54 524982 1740703 5-71				42,47	11		8,204	5.24	430							
558752 COIFFURES BLONDE JESTER.....*	65-02	56	7	7-57,58,	156	2.5	7,664	5.14	394	**	84		-389	+.09	-12	-20
02-27-54 448354 1623760 5-71				64,65,74	23		8,048	5.04	406							
558842 MARSHALLS CORONATION.....*		2	15	1-21	17	3.5	10,014	4.87	488		0	28	+1	-.02	-2	-2
10-31-53 535140 1829667 5-71					10		10,138	5.00	507							
558907 BRAMPTON BELMONT BAS.....*		8	22	4-32,57,	45	2.6	7,494	4.95	371	**	43		-193	+.01	-9	-12
08-13-52 485616 010159944 5-71				64,65	75		7,845	4.97	390							
559150 SIGNAL WELCOME THUMPER.....*		2	14	1-48	16	2.6	9,771	4.56	446	**	27		+209	-.12	0	+5
08-08-53 527637 1347489 5-71					16		9,011	4.99	450							
559351 IMP. BELMONT GUARANTOR.....*		11	2	7-11,21,	14	3.1	7,354	5.11	376	**	46		-579	+.01	-28	-38
07-18-46 485616 010054593 5-71				22,23,65	18		8,577	5.12	439							
559352 IMP. VINCHELEZ INTERESTED HOPE*		5	16	3-86,88,	44	2.7	9,689	4.81	466	**	48		+137	-.14	-6	-1
09-16-52 010008302 010057255 5-71				93	22		9,465	5.11	484							
559439 BRIGHAM CADMAN KELVIN.....*		5	6	2-61,63	17	2.9	9,752	4.87	475	**	40		+307	-.08	+8	+15
04-07-54 475548 1362147 5-71					14		8,997	5.06	455							
559539 SEQUOIAS SUPREME DESIGN KING..		2	14	1-93	16	2.1	8,152	4.61	376	**	26		-24	-.07	-7	-6
01-10-54 540453 1834081 5-71					74		8,181	4.91	402							
559570 BLUE SPRINGS STANDARD MONARCH.*		5	16	4-34,58,	35	2.9	8,441	5.03	425		25	43	-387	-.09	-27	-32
08-24-53 509052 1746036 5-71				63,64	40		9,401	5.28	496							
559606 PINN ADV. BLONDE WONDER.....*	41-25	24	7	4-32,41,	53	3.0	8,462	5.22	442		7	67	+162	+.04	+12	+14
07-27-53 534381 1849618 5-71				42,43	8		8,150	5.18	422							
559928 MF LINDALE BEACON BAS.....*		16	54	10-22,63,	92	4.1	9,974	4.85	484	**	44		+134	-.07	0	+3
09-03-46 010111595 010110677 5-71				64,74,84	35		9,758	5.03	491							
559999 KEYS LYNN PLANTATION KING.....*		2	64	1-22	73	3.5	10,164	5.01	509		4	34	+241	-.08	+5	+10
07-19-54 541436 1409456 5-71					21		9,524	5.24	499							
560122 JESTER EASTER FILLPAIL.....*	65-02	30	5	5-32,57,	66	2.7	7,738	5.01	388	**	74		-269	+.05	-9	-14
06-08-54 448354 1629723 5-71				58,64,65	45		8,020	4.95	397							
560137 JESTER R. AIM.....*		7	13	2-31,58	33	2.9	7,082	5.59	396		6	46	-279	+.10	-5	-11
04-14-53 441200 1585447 5-71					8		7,568	5.35	405							
560226 SYBIL POMPEY HAMTON.....*		6	6	1-13	19	3.8	8,981	4.94	444	**	44		-201	-.06	-15	-18
02-01-54 435238 1807704 5-71					11		9,506	5.10	485							
560227 BEAU SYBIL TABLER.....*	12-03	41	10	7-12,13,	95	2.7	9,480	4.93	467		15	74	+462	-.08	+16	+25
03-06-54 435238 1767265 5-71				21,58,74	42		8,852	5.04	446							
560250 DAY DREAM OIXIECRAT.....*		6	9	3-55,56,	21	4.3	7,982	5.42	433		0	43	-244	+.10	-4	-10
11-12-52 440294 1461066 5-71				58	41		8,525	5.21	444							
560268 COMMANDERS CAPER.....	91-13	11	5	1-93	34	2.0	10,192	5.02	512	**	57		+110	-.06	0	+3
03-02-54 468937 1802181 5-71					21		10,126	5.16	522							
560298 SECRET WELCOME CHIEF.....*		1	21	1-63	21	3.4	11,097	4.90	544		18	27	-28	+.02	0	-1
07-14-54 497574 1769306 5-71					45		11,464	4.83	554							
560398 SIBLEYS DESIGN 5000.....*		14	11	6-13,14,	39	2.3	8,853	4.97	440		15	51	+143	.00	+7	+10
02-20-54 528281 1427169 5-71				21,63,74	58		8,541	4.96	424							
560517 FANCY VICTORY.....*		10	17	3-73,74,	64	2.0	9,872	5.10	503	**	54		+118	+.03	+9	+11
04-15-54 473215 1655776 5-71				86	26		9,744	5.04	491							
560558 FAVORITE ADVANCER SIGNAL.....	93-16	20	15	6-35,72,	74	2.4	11,073	4.76	527	**	62		+522	-.12	+15	+26
03-15-54 493165 1868502 5-71				87,92,93	37		10,380	4.91	510							
560770 SUNSHINES OBSERVER LADDIE.....		4	24	2-88,93	43	2.3	11,963	5.39	645	**	39		+192	-.01	+9	+12
04-19-54 455708 1458775 5-71					28		11,763	5.46	642							
560806 COMMANDO ADVANCER JESTERMAN...*	23-05	44	3	8-21,23,	75	3.0	8,253	5.28	436		12	80	-359	+.19	-2	-11
03-12-54 457631 1743569 5-71				31,51,56	13		8,686	5.07	440							
560815 BEACON XMAS LAD OF S S F.....*		4	33	1-21	45	2.8	7,138	5.39	385		17	35	-186	+.06	-4	-8
01-07-53 540082 1564662 5-71					12		7,537	5.21	393							
560921 FAVORITE TRISTRAM FERDINAND...*		2	11	1-81	21	2.8	7,824	5.33	417		8	35	-171	-.02	-10	-13
12-27-52 530191 1821153 5-71					4		8,248	5.46	450							
560971 PATTERNS COMMANDO ADVANCER....*		8	2	4-12,13,	14	2.2	7,155	5.66	405		27	42	-826	+.12	-32	-48
10-15-54 552974 1914082 5-71				14,16	18		9,164	5.34	489							
561175 BOSQUE STANDARD MARK.....		3	5	2-13,74	11	2.5	8,355	5.23	437		32		-28	+.02	0	-1
07-04-54 523068 1962198 5-71					22		8,402	5.20	437							
561233 MARLU COMMANDO BRAVE.....*	56-01	10	32	3-55,56,	58	4.1	9,038	5.18	468		5	44	+92	.00	+5	+7
03-17-54 506147 1726397 5-71				57	41		8,825	5.18	457							
561244 BELMONT JESTER DESIGN.....*	61-01	14	10	1-61	34	2.6	7,390	5.13	379		6	49	-346	+.05	-13	-20
02-23-54 526995 1755969 5-71					11		8,015	5.04	404							
561278 BLANCHE PIERRE DESIGNER.....*		11	2	6-21,43,	16	2.5	6,927	5.27	365		47		-846	+.04	-39	-54
07-25-54 010008513 2036463 5-71				48,55,57	28		8,703	5.18	451							
561302 ADVANCER DANDY MAJOR.....*		9	3	4-14,82,	17	2.2	9,719	4.93	479		45		+235	-.17	-4	+3
10-20-53 524581 1506365 5-71				91,92	10		9,237	5.37	496							
561304 V. LINDAS DANDY ADVANCER.....	16-04	149	5	7-11,13,	383	2.9	9,083	5.39	490		15	94	-21	+.26	+22	+18
12-19-53 524581 1562314 5-71				14,16,56	12		9,134	5.13	469							
561340 JESTER RECORD OF HOMEWOOD.....*		2	13	1-52	16	3.3	8,133	5.50	447		29		-172	+.09	-1	-5
09-23-53 477876 1629136 5-71					5		8,727	5.21	455							
561372 MURRAY JESTER DESIGN PRINCE...*		2	30	2-61,63	32	3.9	9,227	4.71	435		8	31	+288	-.05	+10	+16
12-03-54 535577 1565130 5-71					26		8,236	4.82	397							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
561385 BRAMPTON ROCHETTES JESTER.....*		4	9	1-31	25	3.2	8,483	4.95	420	23	44	+18	-.07	-5	-4
08-11-54 534455 1982826 5-71					20		8,397	5.14	432						
561469 TRISTRAM BASIL JESTERMAN.....*		15	10	3-88,91,	51	2.4	10,163	5.32	541	**	60	+32	+.04	+5	+5
12-14-52 435991 1722352 5-71				92	16		10,248	5.30	543						
561488 BRIGHAM ADVANCER KEGAN.....*	33-03	116	2	32-13,14,	180	2.3	7,920	5.32	421	15	91	-520	+.19	-10	-22
11-03-54 544480 1506153 5-71				21,23,31	18		8,455	5.11	432						
561512 BELMONT TWICE BASILEUS.....*		3	41	1-65	50	2.0	7,792	4.84	377	**	32	+21	+.01	+2	+2
11-15-53 526995 1628927 5-71					70		7,602	4.76	362						
561657 ITASKA VICTORIOUS CORONATION..*		8	14	4-23,33,	27	3.3	8,964	4.93	442	**	40	+70	-.11	-6	-3
02-03-54 517081 1703087 5-71				51,85	21		8,782	5.24	460						
561665 SECRET WELCOME JACK.....*		7	2	1-21	11	3.3	9,020	5.52	498	0	40	-112	+.12	+5	+1
09-11-54 497574 1829719 5-71					40		9,352	5.24	490						
561702 SIGNAL WELCOME PERFORMANCE....*	72-01	11	5	1-72	29	2.7	7,646	5.02	384	**	55	0	+.07	+6	+5
09-02-54 419248 1525643 5-71					17		7,514	4.86	365						
561869 CLEARBROOK GERALDINE DUKE.....*		1	10	1-13	10	2.5	10,488	5.02	527	**	22	-72	.00	-4	-5
09-12-53 460789 1725933 5-71					16		11,042	5.10	563						
561883 AGGIES SPARKLE OF SIBLEY FARMS*		2	26	1-13	28	3.4	8,669	4.96	430	18	30	+71	-.06	-2	0
07-26-54 481494 1866186 5-71					21		8,383	5.25	440						
561949 JESTER ETTA BEAUTY JESTER.....*		3	20	1-58	24	3.7	9,244	4.72	436	7	31	+7	-.05	-4	-3
09-26-54 549549 1560847 5-71					60		9,264	4.90	454						
561983 FRASER JESTER SEQUOIA.....		1	29	1-93	29	2.1	8,738	4.72	412	**	26	+104	-.05	+1	+4
06-17-54 476453 1491801 5-71					99		8,287	4.89	405						
561989 STATESMANS CO-PILOT.....*		4	16	3-65,71,	27	3.0	8,006	4.78	383	11	37	-195	+.01	-9	-13
08-27-54 539642 1744598 5-71				74	20		8,504	4.79	407						
562008 GIPSY BEAU TABU.....*		2	5	1-22	10	3.2	10,176	5.15	524	0	30	-355	+.07	-12	-19
05-03-54 460788 1413844 5-71					7		11,647	4.99	581						
562009 GIPSY TYCOON FINANCIER.....*		9	8	5-12,13,	26	3.2	8,413	5.24	441	29	47	-288	.00	-14	-19
05-03-54 460788 1445568 5-71				55,74,86	20		9,044	5.27	477						
562061 COMMANDO SUPER STAR.....*		14	9	4-21,23,	51	3.0	9,091	5.63	512	5	62	+86	+.16	+19	+18
07-15-54 475931 1857718 5-71				55,65	21		8,963	5.42	486						
562531 BRAMPTON BELLS JURAT.....*		6	13	2-31,58	23	3.5	8,282	5.22	432	0	37	-318	+.06	-11	-17
12-21-53 560985 010233588 5-71					12		9,189	5.09	468						
562575 SYBIL POMPEY GADABOUT.....*		2	5	1-21	10	4.0	10,135	5.15	522	0	30	-141	+.05	-3	-6
10-19-54 435238 1615004 5-71					33		10,802	5.06	547						
562621 BRIGHAM ADVANCER LEE.....*		4	34	1-13	45	3.5	9,467	5.17	489	4	36	-123	+.02	-4	-7
02-27-55 544480 1594638 5-71					21		9,921	5.15	511						
562640 MARLU COMMANDO ADVANCER LAD...*		8	14	3-23,50,	50	3.2	8,131	5.39	438	8	55	-90	+.03	-2	-4
11-20-54 457631 1539106 5-71				51	18		8,235	5.39	444						
562740 ANN ARBOR CONFIDENT JEST.....*	33-03	47	2	19-13,14,	59	2.6	7,431	5.68	422	22	78	-760	+.40	-6	-25
12-15-54 496362 1714259 5-71				21,23,34	15		8,351	5.15	430						
562742 BASIL EASTER SURVILLE.....*		5	9	3-31,34,	18	3.7	7,629	5.03	384	0	38	-339	+.05	-13	-20
08-11-54 516068 1663091 5-71				55	12		8,495	4.94	420						
562744 BASIL BINDLE AIM VAL.....*		5	10	4-16,31,	17	3.9	7,518	5.11	384	0	35	-121	+.01	-5	-7
10-26-54 516068 1886361 5-71				41,42	8		7,754	5.12	397						
562794 ADVANCER ZINNIA NICK.....*		4	9	3-31,55,	14	4.8	10,465	5.04	527	**	34	+630	-.05	+27	+39
11-17-54 489191 1644107 5-71				63	21		8,562	5.22	447						
562967 JEANS ROYAL ECHO CHAR-LYNN....	91-13	42	12	5-57,87,	132	1.7	10,211	5.25	536	16	75	+32	+.15	+15	+13
09-24-54 498154 2018617 5-71				91,92,93	32		10,314	5.08	524						
562971 BRAMPTON BASIL ADVANCER.....*		6	5	2-57,64	12	1.8	6,968	4.94	344	**	32	-125	+.04	-3	-6
08-26-54 521994 1682243 5-71					20		7,196	4.84	348						
563104 SIGNAL STAR COMMANDER.....*		12	5	2-21,23	33	2.7	9,264	4.83	447	**	59	+447	-.15	+8	+18
01-16-55 468937 1745559 5-71					12		8,472	5.10	432						
563170 SHALOMAR BASIL SULTAN.....*		5	22	1-92	44	3.4	8,487	5.48	465	4	43	-48	+.03	0	-1
10-05-54 520481 1795360 5-71					19		8,572	5.45	467						
563194 BEACON BASILUA LIBERATOR.....*		5	19	3-22,41,	35	3.1	8,580	5.16	443	25	39	-176	+.04	-5	-9
07-01-54 544382 1569714 5-71				55	14		9,056	5.08	460						
563212 TRISTRAM OBSERVER SIGNAL.....*	63-02	37	4	3-55,63,	66	2.6	7,683	5.12	393	9	76	-473	+.18	-9	-20
10-29-54 435991 1606219 5-71				64	11		8,245	4.88	402						
563255 SPARKLE DESIGN SLEEPER.....		1	27	1-56	27	4.2	9,158	4.91	450	**	29	+351	-.04	+14	+21
02-01-55 547042 1873531 5-71					15		7,846	5.06	397						
563274 MARLU FAVORITE SUPREME.....*		4	27	2-32,55	49	3.1	7,758	5.49	426	10	41	-35	+.01	-1	-2
07-25-54 506147 1978459 5-71					12		7,734	5.55	429						
563279 HARMONY WINSOME LIBERATOR.....*		10	16	3-42,57,	31	3.1	8,257	5.33	440	**	41	+51	+.07	+9	+9
04-25-54 544382 1831893 5-71				91	11		8,052	5.15	415						
563319 WINSOME LOUISOXFORD LIBERATOR.*		8	26	5-31,32,	40	1.8	7,697	5.09	392	4	34	+127	+.04	+10	+12
10-28-54 544382 1689175 5-71				55,58,61	9		7,156	4.95	354						
563343 LAVENDERS TRUMP.....*		11	9	2-14,21	43	3.4	8,413	5.13	432	8	58	+111	.00	+6	+8
09-14-54 473472 1538416 5-71					28		8,152	5.15	420						
563367 STANDARD REXS DREAMER.....*		5	31	3-88,91,	47	1.9	8,292	5.49	455	**	34	-60	+.05	+1	-1
04-02-55 539648 1724712 5-71				92	53		8,429	5.37	453						
563414 BRUCE ECLIPSE ADALARD.....*	21-01	54	3	3-13,21,	94	3.0	8,803	5.13	452	17	84	-259	+.07	-7	-13
09-25-53 460497 1709950 5-71				23	17		9,141	5.08	464						
563564 BLONDE PIONEER LAD.....*		2	10	2-63,64	12	1.8	9,599	4.91	471	11	23	-239	+.03	-9	-14
08-19-54 496820 1487879 5-71					36		10,861	4.80	521						
563729 BLANCHE PIERRE DREAM BOAT.....*		2	11	1-91	13	3.4	8,795	4.90	431	0	28	-107	-.08	-12	-13
11-06-54 010008425 2036473 5-71					35		9,219	5.23	482						
563771 ADVANCER STAND. DESIGN VOLUNTE*		3	14	1-65	21	2.0	7,525	4.54	342	**	31	-76	-.05	-8	-9
12-15-54 513063 1945164 5-71					73		7,650	4.76	364						
563834 LORD EAGLE PRINCE OF O.K.....*		3	11	2-92,93	15	3.9	9,940	5.05	502	0	30	+185	-.02	+7	+11
11-04-54 509971 1699846 5-71					13		9,374	5.16	484						
563859 BEACON CHERRY NOBLE.....*		13	14	6-52,56,	44	2.5	8,011	5.08	407	**	51	-150	-.02	-9	-11
11-08-54 497977 1439243 5-71				57,58,64	20		8,248	5.14	424						
563955 TENN APRIL A E 8 LAD.....*	63-01	32	21	1-63	174	2.6	10,130	5.10	517	13	75	+177	+.19	+26	+26
12-30-54 497098 1647416 5-71					28		10,010	4.87	487						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
564043 MARLU FAVORITE MILKMAN.....*	31-02	43	7	6-31,56,	131	2.5	8,344	4.99	416	22	82	-215	+.08	-4	-9
09-18-54 550331 1535135 5-71				57,58,64	20		8,580	4.90	420						
564108 BRAMPTON MOLLS BEACON.....*		3	14	3-56,57,	29	3.1	7,627	4.79	365	**	41	-273	-.07	-20	-24
07-31-53 010111595 010122471 5-71				58	72		8,229	5.01	412						
564110 WONDERFUL COMMAND.....*		5	21	3-23,42,	51	5.1	7,115	5.35	381	0	49	-114	+.05	-1	-4
06-19-54 539013 1594617 5-71				51	10		7,181	5.28	379						
564154 JESTER ROYAL COLONEL.....*	51-02	36	2	4-51,52,	50	2.6	6,996	5.32	372	**	75	-547	+.11	-18	-29
06-20-54 441200 1364369 5-71				54,56	10		7,605	5.17	393						
564209 GOLD RING SUPREME.....*		35	7	18-21,22,	62	2.2	8,887	5.32	473	15	67	-182	+.09	-1	-6
08-01-54 506147 1731989 5-71				23,31,55	26		9,192	5.22	480						
564265 TEFFIAS PRINCE.....*	33-03	99	3	30-13,23,	163	2.3	7,856	5.21	409	21	89	-745	+.16	-24	-39
01-01-55 553475 1585455 5-71				31,32,63	22		8,682	5.03	437						
564357 JESTER DRACONIS EMBLEM.....*		22	13	10-31,55,	67	2.5	8,313	5.30	441	11	62	-435	+.03	-19	-2
02-05-55 448354 1458027 5-71				56,57,64	34		9,036	5.28	477						
564635 HERMITAGE ERASMUS.....*		3	7	1-21	12	4.8	9,169	5.26	482	0	33	+101	+.01	+6	+8
01-18-55 525995 1532486 5-71					45		8,866	5.26	466						
564638 BASIL FAUVIC LUCK.....		4	9	1-14	21	4.0	8,285	5.35	443	5	42	-281	+.02	-12	-17
03-26-55 521175 1836568 5-71					11		8,972	5.32	477						
564654 TRISTRAM BASIL BRAVO.....*	72-01	35	9	6-31,41,	121	2.5	8,399	4.67	392	9	79	+233	-.14	-1	+5
06-19-54 435991 1223303 5-71				43,57,72	28		8,022	4.85	389						
564655 CHAMPIONS ADVANCER.....*		5	5	1-57	14	2.3	7,424	5.43	403	**	36	-348	+.03	-15	-21
06-25-54 519828 1731314 5-71					42		8,344	5.36	447						
564704 SYBIL BEAU BUDDY.....*		2	30	1-63	32	4.2	8,674	4.96	430	**	31	+96	-.01	+4	+6
12-23-54 539742 1373953 5-71					25		8,311	5.01	416						
564812 SUPERB DUSTAN.....*		4	41	2-33,74	59	3.0	9,042	4.81	435	16	37	+170	+.01	+9	+12
01-11-55 541555 1840039 5-71					21		8,554	4.76	407						
564837 OBSERVERS REX SUPREME OF OZ...*		3	16	1-41	33	3.7	9,088	5.52	502	15	43	+38	+.09	+10	+9
03-06-55 548448 1774578 5-71					14		9,016	5.36	483						
564986 HI-B REMUS COWSLIP CZAR.....*		2	20	1-42	35	3.7	9,382	4.52	424	10	40	+9	-.07	-6	-5
02-10-55 528223 1881364 5-71					5		9,416	4.69	442						
565027 CHAMPIONS SULTAN.....*	61-01	41	2	8-61,63,	69	2.5	8,419	5.10	429	11	79	-316	+.04	-12	-18
02-22-55 519828 1823982 5-71				91,92,93	17		8,815	5.06	446						
565042 BRAMPTON POSER BEACON.....*		2	16	2-63,65	18	2.7	7,964	5.05	402	11	27	-46	.00	-2	-3
04-01-54 010111595 010212474 5-71					56		8,054	5.08	409						
565140 JESTERS POMPOUS PEER.....*		5	10	1-48	35	3.4	7,609	4.99	380	15	52	-276	+.04	-10	-15
01-01-55 525015 2035404 5-71					8		8,068	4.92	397						
565148 THOMAS ROYAL JESTER BASIL.....*		2	9	1-32	14	3.3	8,069	5.02	405	**	30	-89	-.01	-5	-6
09-20-54 460676 1829803 5-71					12		8,318	5.09	423						
565181 BONNYS REGENT ADVANCER.....*		2	32	1-54	34	2.4	9,056	5.51	499	**	29	+190	+.04	+13	+16
04-15-54 524654 1679172 5-71					7		8,344	5.43	453						
565219 DYNAMO HIGH PRINCE.....*		6	4	1-74	17	1.5	8,292	4.96	411	**	39	-225	+.03	-9	-13
09-29-54 542049 1760650 5-71					4		8,872	4.93	437						
565339 VAUGHNLAND GLORYS BANNER.....*		3	14	1-82	21	3.1	8,910	5.12	456	0	34	+40	+.01	+3	+4
04-29-55 450301 1521795 5-71					11		8,786	5.10	448						
565410 SECRET HISTORIAN.....*		3	23	1-52	38	3.0	9,498	5.27	501	20	38	+108	+.12	+16	+16
06-25-55 497574 1764755 5-71					17		9,255	4.99	462						
565440 NICOTINE JESTER SLEEPER.....*		9	2	3-56,58,	12	4.1	8,172	5.03	411	0	45	-77	-.01	-5	-6
05-04-55 537802 1615684 5-71				63	26		8,291	5.09	422						
565783 QUILCHENA BLOSSOM LENT PRINCE.*		1	11	1-91	11	4.8	7,654	5.44	416	**	25	-220	-.01	-12	-16
01-14-54 010121503 010206769 5-71					6		8,501	5.53	470						
565890 ZINNIAS DESERT COMMANDO.....		5	13	2-84,86	40	2.1	8,232	4.69	386	**	48	-274	-.05	-18	-22
05-17-55 457631 1983664 5-71					22		8,803	4.82	424						
565902 BRAMPTON GOODLY RADAR.....*		2	30	1-52	32	1.6	8,321	5.18	431	**	26	+192	.00	+10	+13
08-10-54 475948 010189584 5-71					4		7,433	5.22	388						
565987 SPARKLING PAR EXCELLENCE.....*	41-25	61	9	8-35,41,	198	2.5	8,565	5.32	456	19	86	-91	+.20	+13	+8
08-01-55 473472 1503362 5-71				42,43,47	11		8,652	5.10	441						
566055 JESILEUS NOBLE AIM.....*		5	7	1-42	20	2.0	7,241	4.97	360	23	38	-50	-.01	-3	-4
01-11-54 542372 1793951 5-71					16		7,210	5.03	363						
566093 TENN APRIL A G E LAD.....*		2	22	1-63	24	2.5	10,536	4.89	515	21	28	-144	+.04	-4	-7
06-02-55 497098 1905311 5-71					43		11,308	4.82	545						
566146 CHALLENGERS LILAC LAD.....*		1	31	1-23	31	2.7	9,091	5.05	459	0	28	-17	-.02	-3	-3
01-04-55 553682 1999221 5-71					48		9,186	5.18	476						
566264 SPARKLE SUPERB.....*	35-02	46	6	13-13,14,	136	2.6	9,769	5.10	498	15	84	+270	-.03	+11	+16
03-24-55 506147 1604255 5-71				31,34,35	16		9,512	5.15	490						
566297 SPARKLING REGAL BARON.....*		2	9	1-72	11	3.5	8,266	4.79	396	**	27	+29	+.02	+3	+3
06-04-55 514377 1593575 9-70					90		8,083	4.66	377						
566326 SYLVAN WARRIOR.....*		1	23	1-91	23	1.5	9,913	4.84	480	**	24	-88	-.01	-5	-6
03-10-54 510181 1467753 5-71					68		10,443	4.89	511						
566447 F.F. COMMANDOS MARGIE DANDY...*		2	30	1-21	32	4.7	5,774	5.21	301	21	31	-390	+.04	-16	-23
04-11-55 496829 1926835 5-71					15		6,828	5.05	345						
566496 ADVANCER FAVORITE TRISTRAM....*		6	21	1-32	37	3.7	8,704	5.31	462	27	40	+155	+.06	+13	+15
09-09-54 493165 1881087 5-71					30		8,260	5.17	427						
566658 TOREADORS OXFORD BASIL.....*		4	28	1-31	34	3.0	9,066	4.92	446	**	32	+225	.00	+11	+15
02-18-52 504051 1937985 5-71					13		8,311	4.92	409						
566815 MARLU BLONDE MILKMAN.....*		6	23	2-56,57	51	4.2	8,548	5.26	450	5	48	-242	+.11	-3	-9
09-23-54 550331 1769543 5-71					41		9,081	5.07	460						
566820 BRAMPTON JESTER BIJOU.....*		4	20	2-64,72	33	2.9	7,786	5.12	399	**	38	-41	+.07	+4	+2
02-07-55 540688 2032906 5-71					83		7,790	4.92	383						
566874 BRAMPTON BELLOT RADAR.....*		2	32	2-63,65	36	3.7	7,284	5.01	365	8	32	-246	-.01	-13	-17
10-20-54 475948 010203461 5-71					52		7,964	5.07	404						
567004 TRISTRAM DESIGN JACK.....*		5	9	3-42,46,	17	5.5	7,735	4.74	367	11	37	-42	.00	-2	-3
01-10-54 520539 1936050 5-71				48	9		7,740	4.74	367						
567009 CHAMPIONS LEADER.....*	35-21	16	6	6-35,41,	55	2.6	8,841	5.17	457	22	69	-185	+.04	-6	-10
04-04-55 519828 1912149 5-71				43,48,74	17		9,139	5.14	470						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
567011 ZANALUAS PRINCE.....*	35-05	15	20	6-23,31,	75	2.8	8,513	5.16	439		14	58	-234	+.10	-3	-9
03-23-54 553475 010221530 5-71				32,33,35	17		8,926	5.01	447							
567029 ETTA COMMANDO PAT.....*		2	22	2-31,55	24	2.8	7,335	4.83	354		18	28	-166	-.02	-10	-13
09-27-55 556092 1749426 5-71					10		7,832	4.95	388							
567063 MARLU TALISMAN COMMANDO.....*	65-02	67	7	8-21,23,	186	2.8	8,216	4.92	404	**	87		+105	-.03	+3	+5
03-12-55 457631 1983659 5-71				57,65,72	18		8,011	4.94	396							
567097 CELIAS CHALLENGER.....*		4	12	1-23	17	3.6	7,604	5.77	439	**	31		-373	+.11	-9	-17
12-20-54 553682 1881522 5-71					10		8,807	5.38	474							
567122 STANDARD VOLUNTEER OANDY ENVOY*	35-75	63	7	22-41,57,	140	2.4	8,951	5.11	457		11	83	+55	+.10	+12	+11
12-12-54 484859 1604397 5-71				65,74,93	26		8,888	4.98	443							
567139 STONE STEPS WONDROUS DUKE.....*		4	14	3-13,21,	19	5.1	8,639	5.34	461		13	34	-261	+.11	-4	-10
10-13-55 554758 1983623 5-71				22	9		9,473	5.08	481							
567149 VALIANT STANDARD BASIL.....*		1	21	1-63	21	3.7	8,248	4.90	404	**	28		+46	-.03	0	+1
04-07-55 534810 1891121 5-71					28		7,996	5.05	404							
567171 NICOTINE SPARKLE STANDARD.....*		1	24	1-56	24	4.5	9,122	5.12	467		11	29	-166	.00	-8	-11
06-07-55 554317 1709889 5-71					52		9,798	5.13	503							
567187 TRISTRAM LAVISIAN BASIL.....*		5	12	2-13,14	28	4.8	9,945	5.20	517		0	45	+212	-.04	+7	+11
10-20-54 534862 1277141 5-71					28		9,540	5.31	507							
567196 BELMONTS SPARKLING RADAR.....*		3	6	3-56,61,	13	1.5	8,003	4.90	392		14	30	+98	-.03	+2	+4
06-24-55 559374 1864214 5-71				63	45		7,545	5.01	378							
567241 GENTLEMAN JIM.....*		25	6	11-14,16,	47	3.3	8,944	5.43	486		19	65	-73	+.10	+5	+2
03-30-55 457631 1743569 5-71				21,23,55	19		9,081	5.32	483							
567262 LILAC ADVANCER CHAMPION.....	91-01	16	1	2-81,91	18	1.9	9,817	5.01	492		51		+301	-.10	+6	+13
10-02-54 545285 1859472 5-71					8		9,262	5.23	484							
567401 BRAMPTON NOBLE JESTER.....*	72-01	19	10	3-65,72,	63	2.1	8,368	4.91	411		6	64	-63	-.03	-6	-7
06-13-55 448354 1682987 5-71				92	23		8,426	4.97	419							
567479 PIXYS TRISTRAM MEDALIST.....*		6	13	2-52,56	45	3.6	8,866	5.37	476		13	54	-261	+.16	+1	-6
11-21-55 530104 1880813 5-71					27		9,403	5.07	477							
567481 PIXYS TRISTRAM NOBLE.....*	47-01	8	9	1-47	34	3.4	8,895	5.12	455		7	52	+155	+.01	+9	+11
12-10-55 530104 1843336 5-71					8		8,568	5.10	437							
567583 BUTTERCUP ROYAL.....*		3	18	2-12,14	29	3.1	7,085	5.05	358		12	37	-123	-.04	-10	-11
09-04-55 553245 1461246 5-71					13		7,264	5.27	383							
567584 GIL-BAR BASILEUS PINN ROYAL...*		5	13	2-35,41	25	3.1	9,161	4.93	452		23	39	+160	-.06	+3	+7
09-26-55 556066 2033170 5-71					10		8,741	5.09	445							
567654 SYBIL WONDERFUL BEACON.....		2	68	1-13	70	3.6	10,872	5.04	548		6	32	+166	-.03	+6	+9
12-10-55 555538 1900620 5-71					37		10,519	5.11	538							
567659 DOUBLE GOLDENROD DESIGN.....*		1	12	1-74	12	2.5	7,058	4.73	334		24		-122	-.01	-7	-9
10-25-55 470679 2078112 5-71					14		7,439	4.84	360							
567840 MARLU COMMANDO BELLRINGER.....*		9	2	3-23,51,	13	2.9	7,551	5.42	409		43		-100	+.11	+5	+2
02-22-55 457631 1968096 5-71				54	15		7,668	5.11	392							
567841 MARLU ADVANCER REPLICA.....*		4	13	3-23,31,	18	2.8	7,040	5.82	410		7	31	-332	+.15	-4	-12
03-06-55 462656 1858259 5-71				33	8		8,026	5.30	425							
567846 TEFFIAS SHADELS PRINCE DESTINY*	65-02	15	19	3-63,65,	92	3.4	7,343	4.86	357		10	64	-333	+.01	-16	-22
07-21-55 553475 1536916 5-71				72	22		7,753	4.86	377							
567858 JESTER BORN JESTER.....*		2	34	2-48,84	36	2.7	8,521	5.29	451		30	29	-30	+.02	0	-1
10-12-55 523387 1497254 5-71					16		8,603	5.29	455							
567867 SABLES WELCOME PRINCE.....*		3	27	1-74	31	2.3	9,499	4.96	471		29		+314	+.01	+17	+22
11-15-54 497355 1457061 5-71					14		8,349	4.90	409							
567874 VICTORY LADS WELCOME BOB.....		1	25	1-93	25	2.2	8,488	4.91	417		26		+22	.00	+1	+1
11-24-55 473215 1525643 5-71					118		8,351	4.89	408							
567971 MARLU COMMANDO LAD.....*		3	27	1-65	58	2.5	8,096	4.82	390		44		-313	+.04	-12	-18
05-21-55 552974 1914092 5-71					18		8,800	4.73	416							
567973 MARLU SUPREME MOGUL.....*	56-01	18	22	4-55,56,	55	2.6	7,565	5.30	401		3	48	-393	+.16	-6	-15
06-16-55 506147 1743567 5-71				57,63	23		8,340	4.95	413							
567979 VOLUNTEER VALIANT.....*		1	14	1-34	14	3.4	8,279	5.06	419		8	25	-191	+.03	-7	-11
08-28-55 464461 1643107 5-71					11		9,070	4.99	453							
568016 GOLD RING CLIMAX.....*		6	20	4-57,58,	53	4.1	8,720	5.15	449		8	51	+156	+.02	+10	+12
09-27-55 503988 1731989 5-71				64,65	50		8,368	5.11	428							
568033 HIGH LAWN PROFESSOR.....*		5	7	3-14,15,	15	4.3	10,649	5.29	563		0	37	+134	+.04	+10	+12
11-22-55 533617 1751327 5-71				21	62		10,449	5.24	548							
568040 BASIL ROYAL PLUME HERCULES...*	51-02	38	9	7-31,43,	98	2.5	7,481	5.17	387		21	74	-716	+.08	-29	-43
07-18-55 543376 1627333 5-71				51,52,54	14		8,401	5.07	426							
568041 BASIL ROYAL OXFORD AIM.....*		8	4	4-31,32,	20	2.7	7,180	5.08	365		47		-577	+.02	-27	-37
10-18-55 543376 1757490 5-71				41,58	18		8,350	5.05	422							
568117 BEACON DIAMOND HARVEST.....*		1	26	1-64	26	3.1	8,135	4.84	394		15	27	-167	.00	-8	-11
02-17-55 497977 1714014 5-71					26		8,741	4.85	424							
568148 ADVANCER HIBAR.....*		3	18	3-52,56,	22	3.8	10,678	5.20	555		31		+96	+.02	+7	+8
12-03-55 469101 1661933 5-71				58	100		10,536	5.14	542							
568194 GIPSY BEAU TABBY.....*	21-01	43	2	2-13,21	59	3.5	8,739	5.14	449		79		-45	+.01	-1	-2
05-09-55 460788 1413844 5-71					22		8,792	5.14	452							
568199 BLONDE ADVANCER ANDY.....*	35-05	31	8	6-23,31,	100	3.4	9,582	5.05	484		8	78	+311	-.02	+14	+20
10-01-54 496820 1664629 5-71				35,41,42	14		9,221	5.08	468							
568205 MARSHALLS BRUTUS.....*		2	14	1-52	16	3.3	9,892	4.94	489		40	26	+137	-.04	+3	+6
01-08-55 535140 1582165 5-71					15		9,430	5.12	483							
568207 MARSHALLS SYBIL GAMBOGE.....*		12	4	5-12,13,	26	3.3	8,599	4.98	428		5	55	-233	-.06	-17	-20
02-15-55 535140 1363754 5-71				16,21,23	14		9,046	5.11	462							
568208 MARSHALL MILKMAN.....*		6	6	5-13,14,	21	2.3	9,501	5.10	485		0	43	-172	-.03	-11	-14
01-13-56 533617 1546856 5-71				15,33,63	51		10,021	5.19	520							
568314 WILLOW JESTER DESIGN PAT.....*		4	22	2-56,58	29	4.9	9,778	5.09	498		13	35	+74	-.01	+3	+4
09-25-55 537726 1611212 5-71					51		9,646	5.14	496							
568401 ESMOND OWL LUCAS.....*		4	15	1-55	20	2.3	7,891	4.70	371		30		+179	-.02	+7	+10
05-13-55 502114 2004626 5-71					7		7,125	4.74	338							
568473 LAVENDER JET ACE.....*		2	13	1-21	17	5.5	8,374	4.84	405		0	32	+20	-.01	0	+1
10-14-55 473472 1764752 5-71					8		8,252	4.91	405							

REGISTRATION NUMBER	NAME	DF	BULL	STUD CODE	NUMBER DF HERDS	EFF DAU /HD	STATES ND- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
568565	Y-BRODK GOLDEN DREAMER				2	32	1-31	36	3.9	7,152	5.30	379		0	32	-343	+.03	-15	-21
10-05-55	494998	1670966	5-71					6		8,166	5.23	427							
568645	MASTERMAN CUSTOM AIM BEAUTY				4	14	1-74	24	1.7	8,049	5.08	409		**	33	-61	+.01	-2	-3
01-10-56	499358	1667986	5-71					71		8,169	5.08	415							
568680	ETTAS AMBASSADOR			31-01	24	4	4-23,31,	52	2.8	8,698	4.96	431		8	72	+236	-.11	+2	+8
10-19-54	545211	1963101	5-71				65,74	15		8,316	5.13	427							
568798	CDMMANDOS DXFDRD MDRDCCD				3	35	3-32,61,	46	4.0	6,579	5.11	336		14	36	-176	+.04	-5	-9
09-16-55	476144	1953207	5-71				65	10		6,879	4.99	343							
568860	DREGDN BLONDE GALLANT				2	9	1-93	16	1.8	11,149	5.30	591		**	29	+83	+.01	+5	+6
11-21-55	489637	1380105	5-71					70		11,088	5.29	587							
568861	OREGON BLONDE JASON			92-01	62	4	4-85,87,	143	2.1	9,141	4.88	446		17	87	-8	-.15	-14	-12
01-03-56	489637	1986501	5-71				91,92	18		9,185	5.06	465							
568972	JESTER SUPREME ITASKA				3	12	2-31,34	19	3.1	9,091	5.02	456		15	33	+13	-.02	-1	0
10-04-55	556316	1726362	5-71					14		9,075	5.11	464							
569130	ADVANCER COMMANDO DANDY STANDA			65-02	35	3	3-57,65,	68	2.1	7,340	4.96	364		25	76	-465	+.05	-19	-28
03-09-55	513063	1841038	5-71				74	20		7,850	4.89	384							
569149	RADARS STANDARD PRIMER			93-01	5	4	1-93	10	1.3	8,765	5.12	449		0	28	-82	.00	-4	-5
04-18-55	555846	1616052	5-71					21		9,091	5.16	469							
569157	MARLU JESTER SUPREME			87-01	67	6	7-81,82,	173	2.2	8,419	4.91	413		16	86	-267	-.11	-23	-26
05-11-55	506147	1983661	5-71				85,87,93	10		8,717	5.05	440							
569165	AIM				1	14	1-63	14	3.1	7,366	5.25	387		10	25	-320	+.04	-13	-19
12-22-55	518815	1699596	5-71					17		8,639	5.12	442							
569227	SILKEN GEMS LADDIE				6	5	2-88,93	20	4.8	11,441	5.63	644		**	49	-1	+.14	+12	+10
07-11-54	455708	1213235	5-71					25		11,732	5.44	638							
569243	BEAU SCIPIO FAIRY PRINCE OF SY				3	9	1-13	17	4.4	9,471	5.05	478		0	37	-160	+.02	-6	-9
12-01-55	460788	1849472	5-71					19		10,025	5.02	503							
569264	BRIGHAM HALSEY LATHROP				4	23	1-63	52	2.8	7,713	4.98	384		7	45	-55	.00	-3	-4
12-27-55	538479	1909488	5-71					14		7,724	5.02	388							
569266	BRIGHAM VOLUNTEER MALCOM			21-10	58	11	3-11,12,	204	3.0	9,442	5.26	497		12	85	+21	+.18	+17	+15
01-15-56	470945	1786148	5-71				21	16		9,480	5.07	481							
569270	BRIGHAM SPARKLING MERLIN				4	9	3-12,21,	17	2.4	9,354	5.21	487		0	34	-113	+.06	0	-3
02-10-56	526610	1594638	5-71				63	18		9,781	5.07	496							
569336	MARLU FASHIONMAN			63-02	55	10	14-31,57,	220	1.6	8,821	4.94	436		13	85	-98	+.02	-3	-5
09-20-55	506147	1726392	5-71				61,63,74	24		8,947	4.92	440							
569344	CORALADS GDVERNOR			93-05	36	9	10-12,13,	128	2.3	9,980	4.90	489		13	79	+108	-.13	-6	-2
11-27-54	540908	1579915	5-71				42,88,93	16		9,954	5.06	504							
569430	FILLPAIL DRACONIS PRINCE				2	18	1-58	22	2.7	6,688	4.86	325		14	29	-183	.00	-9	-12
11-26-55	489544	1603408	5-71					63		7,146	4.87	348							
569611	FRASER JESTER BETTY ROCKET				2	7	1-93	10	1.2	11,439	5.12	586		**	22	+114	-.04	+2	+5
07-10-55	476453	1491801	5-71					65		11,156	5.29	590							
569635	BRAMPTON BIJDUX ACME			31-02	56	3	10-31,32,	96	2.8	8,320	4.93	410		11	84	-42	-.09	-10	-9
06-15-55	010121022	010181946	5-71				41,58,64	18		8,318	5.06	421							
569640	ADVANCER WIZARD DF DZ				2	36	2-41,48	45	3.3	9,670	5.03	486		10	34	+103	-.04	+2	+4
03-14-56	469101	1508546	5-71					16		9,424	5.14	484							
569680	TEFFIAS ROYAL PRINCE				6	46	3-23,32,	55	3.4	7,185	5.25	377		22	33	-230	+.02	-10	-14
11-28-55	553475	1585455	5-71				35	12		7,768	5.23	406							
569915	C B NDBLE JESTER DANNY				2	15	1-93	20	2.6	9,362	5.08	476		**	30	-234	-.04	-15	-19
01-12-56	536446	1721323	5-71					20		10,278	5.22	537							
570101	SAMARES KNIGHT				5	5	2-64,65	20	5.0	8,439	4.93	416		6	48	-129	-.01	-7	-9
02-06-56	541207	1757595	5-71					32		8,692	4.97	432							
570102	ADVANCER BASIL PREMIER				4	18	1-65	27	3.1	7,609	4.94	376		**	36	-235	+.02	-10	-14
02-14-56	528332	1628492	5-71					112		8,205	4.90	402							
570120	BILTMORE HERALD PATRIDT				15	8	3-22,55,	53	2.1	6,523	4.95	323		40	61	-516	+.02	-24	-33
01-06-56	538480	1522150	5-71				63	42		7,200	4.93	355							
570289	BEACON ZINNA LAD				1	25	1-74	25	2.1	6,906	4.79	331		**	26	-218	+.02	-9	-13
02-17-56	557542	1794695	5-71					13		7,640	4.71	360							
570313	JESTER BASIL SPARKLING SIR JAC				8	1	3-33,35,	10	3.0	7,014	4.96	348		0	40	-403	-.03	-23	-30
11-17-55	552192	1690048	5-71				42	10		7,929	5.10	404							
570362	HATFIELD JESTER BLONDE FDX				2	38	1-34	40	2.3	8,702	5.30	461		10	29	+65	+.06	+9	+9
03-05-56	561531	1999071	5-71					9		8,437	5.07	428							
570412	CDMMANDD DESIGN GEM DF KINLAND				1	21	1-21	21	2.9	8,386	5.06	424		23	26	-180	+.01	-8	-11
11-18-55	505549	1789630	5-71					10		9,097	5.05	459							
570419	MARSHALL VOLUNTEER			21-10	100	3	4-13,21,	191	2.9	8,882	5.11	454		11	91	-31	+.03	+1	0
05-28-56	533617	1801004	5-71				23,56	18		8,924	5.09	454							
570421	WHITEHALL SPARKLE PILDT			61-02	115	7	15-31,33,	331	2.3	8,781	4.95	435		16	92	+164	-.10	-1	+3
04-15-56	506147	1604255	1-71				57,61,74	14		8,575	5.08	436							
570509	O JOHNNY DS LUCY YOULL DD				6	8	2-31,58	26	3.5	8,715	4.91	428		0	48	+202	-.01	+9	+13
01-16-56	512545	1453994	5-71					28		8,227	4.92	405							
570513	DANDY SADIE LORD CLAIR				10	11	6-31,43,	37	2.4	9,141	4.86	444		**	49	-113	-.07	-12	-13
11-03-55	486937	1952638	5-71				71,72,73	18		9,433	5.02	474							
570537	BEACON OXFORD PINN				7	9	2-82,86	27	2.9	8,260	5.50	454		**	45	-1	+.08	+7	+6
05-07-55	553475	1585447	5-71					20		8,199	5.33	437							
570543	BELMONT ROYAL AIM BASIL				5	4	5-31,35,	10	4.2	10,592	4.91	520		**	35	+604	-.03	+27	+38
12-22-55	526995	1870029	5-71				41,58,72	23		8,883	5.00	444							
570567	BRAMPTON JESTER HOBBY PRINCE				1	16	1-32	16	2.5	7,894	5.08	401		0	26	+72	+.02	+5	+6
10-19-55	553475	1891349	5-71					3		7,476	5.02	375							
570598	IMP. DDUBLY WINSOME NOBLE				5	5	2-55,56	11	2.8	7,224	5.22	377		**	34	-231	+.09	-4	-9
10-04-55	010008697	2137736	5-71					70		7,811	4.95	387							
570683	HARMONY MF BUCCANEER				28	28	9-11,13,	103	2.8	8,540	4.80	410		19	59	-127	-.18	-22	-22
09-09-55	559928	1993297	5-71				14,21,55	20		8,747	5.14	450							
570787	BASIL FERNHILL BEACON				15	4	4-21,23,	30	1.8	6,690	5.62	376		**	56	-739	+.20	-21	-37
03-09-56	551022	1772396	5-71				31,41	14		7,928	5.21	413							
570913	ZINNIAS DREAMING POMPOUS				1	12	1-72	12	3.6	5,748	4.87	280		**	25	-185	+.06	-4	-8
07-01-56	484776	1654149	5-71					27		6,223	4.60	286							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	%	FAT	%	1ST REPT INC	PREDICTED DIFFERENCES MILK	%	FAT	$$
571029 PHILIDORA MOROCCO POMPOUS.....*		6	7	2-61,63	21	2.1	5,846	5.35	313	**	41	-452	+.09	-15	-24
01-31-56 476530 1596153 5-71					21		6,729	5.08	342						
571064 SIGNAL SUNRISE PRINCE.....*		3	23	3-21,23,	40	2.7	9,687	5.22	506	8	39	+127	+.05	+11	+12
03-18-56 468937 1767600 5-71				31	9		9,417	5.12	482						
571106 OANOY LORO RINGMASTER.....*		11	2	5-11,12,	17	3.2	9,245	5.09	471	0	51	+23	-.01	0	+1
10-05-55 511680 1872286 5-71				13,14,21	16		9,238	5.13	474						
571117 MARLU PRIME PATTERN.....*		7	9	4-65,71,	26	2.6	6,043	5.01	303	6	44	-588	+.05	-25	-36
05-22-55 552974 1858284 5-71				72,74	53		7,218	4.88	352						
571124 AVONLEA BEAU BEACON.....*		2	22	1-63	40	3.0	8,584	4.90	421	**	40	+78	-.02	+2	+4
07-01-54 010122489 010178923 5-71					44		8,337	4.94	412						
571246 MILKMAN SPARKLING SUN.....*	65-02	5	19	2-61,65	28	3.2	7,604	5.12	389	11	35	-131	+.03	-4	-7
05-18-56 550331 1925083 5-71					21		7,884	5.07	400						
571366 MORROCROFT GAMBOGE DUKE.....*		2	8	1-55	13	2.6	7,923	4.73	375	**	29	+156	-.04	+4	+7
07-20-55 467910 1877233 5-71					13		7,218	4.86	351						
571382 H.L. TORONO SECRET ORATOR.....*	23-11	178	14	17-11,13,	816	2.0	11,087	4.65	516	8	95	+1,197	-.40	+20	+48
04-28-56 497574 1868596 5-71				14,22,23	26		9,931	5.04	501						
571470 CAMPBURN ROYAL TRIUMPH.....*		6	28	4-11,12,	47	3.7	8,994	5.31	478	14	41	-223	+.09	-3	-8
10-10-54 010115072 010188842 5-71				13,58	32		9,621	5.11	492						
571599 RAOAR PATRICIAN.....*		2	23	2-31,61	25	3.3	9,443	5.14	485	**	29	+29	-.03	-1	0
08-17-56 499207 1831907 5-71					31		9,399	5.29	497						
571676 LILAC LORO BASIL OF SIBLEY FAR*		5	14	2-14,52	34	3.6	9,829	5.13	504	22	45	-64	+.01	-2	-3
11-03-55 519828 1796086 5-71					41		10,099	5.14	519						
571766 BRIGHAM SPARKLING MARK.....		2	32	1-74	55	2.4	9,917	4.72	468	18	40	+46	-.01	+1	+2
08-19-56 526610 1502800 5-71					3		9,908	4.71	467						
571908 STONE STEPS WONOROUS LUKE.....*		7	6	2-13,21	16	3.1	7,780	5.30	412	0	40	-307	+.03	-13	-19
08-26-56 554758 1459999 5-71					18		8,511	5.25	447						
571911 MARLU MILADY FASHION PRINCE...*	23-13	452	10	32-11,12,	1,779	2.5	9,071	4.98	452	11	98	-13	-.14	-13	-11
01-01-56 506147 1726368 1-71				13,14,23	18		9,111	5.15	469						
571951 BOLO HIGHWAYMAN.....*	11-01	65	5	4-11,12,	192	2.5	9,568	5.07	485	23	88	+306	+.01	+16	+21
04-27-56 473956 1513686 5-71				13,23	14		9,263	5.06	469						
571957 BRAMPTON ROYAL SIR PRINCE.....		2	7	1-33	12	2.7	9,090	4.99	454	10	32	+217	-.02	+9	+13
09-01-56 548990 1595540 5-71					3		8,356	5.09	425						
571966 S J F CHRISTOPHER COLUMBUS....*		1	28	1-84	28	4.9	7,067	4.87	344	0	30	+121	-.07	0	+3
06-18-56 506697 1938945 5-71					36		6,421	5.17	332						
572007 CLARENOON ITASKA LOFTY.....*		9	3	7-22,23,	18	2.7	8,381	5.08	426	0	48	-238	-.01	-13	-17
08-19-56 520847 1751299 5-71				51,55,56	22		8,885	5.14	457						
572096 JESTER PINNACLE BEACON.....*		2	9	1-33	14	2.4	7,456	5.69	424	14	28	-189	+.03	-7	-11
03-28-56 537585 1531660 5-71					11		8,061	5.61	452						
572134 VOLUNTEER SABLES SATELLITE....*		14	16	4-33,42,	81	2.2	10,365	5.15	534	22	61	+224	+.02	+13	+17
02-06-56 497355 1932103 5-71				46,65	25		10,127	5.14	521						
572206 CHAMPIONS SENATOR.....	91-13	19	8	3-91,92,	73	1.6	11,328	5.08	575	4	67	+432	-.04	+18	+26
09-15-56 519828 1636074 5-71				93	30		10,890	5.14	560						
572274 BROWNYS GIVIA DESIGN.....*		1	33	1-63	33	3.0	7,632	5.28	403	19	28	-179	+.07	-3	-7
07-29-56 556479 1752579 5-71					25		8,209	5.06	415						
572286 SURVILLES EASTER PARADE.....*		5	4	3-11,12,	10	3.1	8,042	4.75	382	13	32	-53	-.07	-9	-9
04-07-56 503523 1855114 5-71				13	23		8,143	5.03	410						
572288 SURVILLE VICTORIOUS PRIDE.....*		4	19	2-11,63	28	3.0	8,571	4.78	410	0	35	-66	-.04	-7	-8
04-20-56 503523 1593064 5-71					31		8,752	4.92	431						
572289 SURVILLE GOLDEN VICTORY.....*		4	19	2-58,74	30	3.6	7,414	4.94	366	11	37	-174	+.02	-7	-10
04-20-56 503523 1593064 5-71					62		7,775	4.89	380						
572324 ADVANCER MAJESTY PRINCE.....*		2	21	1-74	23	1.5	4,754	4.86	231	22	25	-483	+.01	-23	-32
09-30-56 554190 1865216 5-71					72		6,424	4.86	312						
572331 BISHOP POMPEY.....*	33-03	31	12	16-11,14,	78	2.6	11,695	4.87	569	6	67	+1,179	-.21	+38	+62
07-02-56 524199 1986845 5-71				21,41,57	48		10,043	5.18	520						
572356 HERMITAGE TYMOR MAJOR.....*		3	9	1-21	14	4.0	9,975	5.10	509	15	33	0	+.02	+2	+2
10-15-56 559240 1547269 5-71					17		10,101	5.05	510						
572405 MARLU JESTER MILESTONE.....*		12	35	6-63,64,	107	2.3	7,786	5.02	391	9	54	-60	+.03	0	-2
05-29-56 563805 1631361 5-71				65,71,72	59		7,792	4.97	387						
572488 COMMANDER JOEL.....*		3	9	1-91	20	3.7	9,480	5.58	529	7	40	+96	+.07	+11	+12
06-19-56 468937 1663105 5-71					17		9,284	5.47	508						
572570 CRYSTAL JESTER PINN.....*		2	22	1-87	24	3.5	7,812	5.33	416	0	30	+29	+.01	+2	+2
12-21-55 541211 1700781 5-71					12		7,590	5.36	407						
572592 CONNIES PROUD TOPPER.....*		1	17	1-42	17	3.7	6,949	5.31	369	19	26	-282	+.02	-12	-17
06-01-56 561165 1882311 5-71					8		7,931	5.25	416						
572595 MARLU STAR MILESTONE.....*		19	16	7-11,12,	84	2.9	9,570	5.14	492	21	64	-28	-.02	-3	-3
07-12-56 563805 1633561 5-71				21,23,51	20		9,700	5.21	505						
572662 PRIDES CHIEF THEODORE.....*		3	8	1-91	11	2.9	7,949	5.57	443	0	27	-246	-.02	-14	-18
12-08-55 539849 1912791 5-71					12		8,858	5.68	503						
572739 BELLE BOY REGENT.....		4	14	1-93	36	2.1	8,579	4.90	420	4	44	+6	.00	0	0
07-23-56 550387 2001855 5-71					95		8,534	4.89	417						
572745 WELCOME PILOT MAX.....*		1	21	1-34	21	2.7	9,023	5.38	485	7	26	-150	-.02	-9	-11
02-16-56 502328 1995974 5-71					64		9,683	5.51	534						
572777 BELMONT GOLDEN RECORDS.....*		5	6	3-57,64,	17	2.8	8,616	4.98	429	**	40	+63	.00	+3	+4
07-05-56 558907 1707794 5-71				65	62		8,413	4.99	420						
572809 STANDARD MAJESTY BASIL.....		1	29	1-13	29	3.9	7,296	5.07	370	14	29	-66	+.01	-2	-3
01-01-56 458311 1711360 5-71					14		7,378	5.08	375						
572884 COMMANDOS SUPREME SPARKLE GEM.*		6	6	2-21,55	24	2.3	9,094	5.36	487	18	48	+91	-.01	+4	+6
07-18-56 506147 1858280 5-71					25		8,909	5.41	482						
573054 BILTMORE CITATION PIONEER.....*		12	14	3-55,56,	90	2.5	7,282	5.01	365	8	67	-140	+.07	-1	-4
08-22-56 559991 1816540 5-71				74	39		7,340	4.89	359						
573071 BEACON BAS STANDARD BEAU.....*		7	25	3-55,63,	45	4.3	9,767	4.85	474	3	43	+157	-.02	+6	+9
05-11-56 559928 1790446 5-71				74	44		9,467	4.88	462						
573089 LOUISOXFORD SYBIL IMPRIMIS....*		2	8	1-14	10	1.9	9,965	5.23	521	38	21	+257	.00	+13	+17
05-11-56 528498 1787742 1-71					23		8,756	5.28	462						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS	REC/DAU HM/DAU	MILK HERDMATE MILK	% MILK	FAT %	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
573151 BRAMPTON ENOUGH EUREKA.....*		3	6	1-31	13	3.5	7,320	5.45	399	0	36	-21	+.01	0	-1
12-23-55 010125143 010261539 5-71					11		7,219	5.47	395						
573176 ALLAHS LE CROIX STOCKWELL.....*		3	34	1-13	38	3.9	9,715	4.62	449	0	33	+64	-.14	-9	-6
04-05-56 552534 1750868 5-71					25		9,596	5.02	482						
573184 LORD EAGLES O.K. OUKE.....		3	19	1-92	33	1.8	9,508	5.02	477	**	35	-143	-.03	-10	-12
02-11-55 509971 1867734 5-71					4		10,035	5.14	516						
573264 SUNBEAM SPARKLING JESTER BASIL*		7	12	5-21,23,	30	3.2	8,285	5.13	425	29	44	-83	.00	-4	-5
09-18-56 524984 1447359 9-70				46,55,57	91		8,435	5.17	436						
573344 SPARKLING VELLUM CHANYS.....*		2	24	1-41	43	3.1	8,299	5.33	442	3	41	-56	+.07	+3	+1
04-05-54 541928 1393794 5-71					11		8,391	5.16	433						
573385 PORTLAND SHARRYSON RADAR.....*		2	16	1-32	18	2.1	8,412	5.25	442	43	26	-242	+.01	-11	-15
07-17-56 557267 1803150 5-71					8		9,411	5.23	492						
573393 COMMANDO ADVANCER CONFIDENT...*		2	9	1-21	11	2.7	9,833	5.13	504	**	25	-8	+.02	+1	+1
10-07-56 496829 2046521 5-71					20		9,980	5.06	505						
573398 BISHOP DAUNTLESS.....*		2	10	1-31	20	3.1	8,186	5.28	432	0	38	-337	+.07	-11	-18
09-25-56 524199 1475680 5-71					14		9,100	5.12	466						
573431 SYBIL ROYAL PREDICTOR.....*	35-05	66	12	11-35,41,	317	2.2	9,834	5.07	499	13	88	+601	.00	+30	+40
03-24-56 467752 1907878 1-71				42,63,93	18		9,186	5.09	468						
573441 ADVANCER SLEEPING PACIFIER....*		10	36	3-91,92,	54	1.9	8,913	4.90	437	**	35	-140	-.03	-10	-12
09-02-56 534585 1857081 5-71				93	36		9,362	5.02	470						
573442 ETTAS LAD VOLUNTEER.....*		1	10	1-42	10	5.0	8,287	5.02	416	0	25	-55	+.02	-1	-2
08-28-56 473215 1448952 5-71					8		8,471	4.99	423						
573454 WONDERFUL COMBINATION.....*		25	13	11-31,52,	86	3.0	8,103	5.02	407	11	69	-373	-.06	-24	-30
01-10-56 531271 2034709 5-71				58,63,64	21		8,626	5.14	443						
573498 CHAMPION TOREADOR DF HERMITAGE*		4	55	2-21,55	71	3.0	8,683	5.61	487	10	36	+6	+.09	+8	+7
12-25-56 553904 1934024 5-71					37		8,645	5.40	467						
573531 PIONEER FERNS MARVEL.....*		1	20	1-12	20	3.0	8,292	4.93	409	**	28	-224	+.01	-10	-14
10-14-56 549315 2134185 5-71					22		9,136	4.90	448						
573617 BRAMPTON W R LUAS RADAR.....*	35-75	59	12	17-13,55,	136	2.8	8,005	5.10	408	11	78	-633	+.06	-27	-39
08-14-55 475948 010238975 5-71				57,64,74	26		8,809	5.04	444						
573655 VALIANT LINDEN AIM.....*		8	4	6-23,31,	19	2.2	6,964	5.10	355	13	44	-417	+.03	-18	-26
02-05-56 495473 1490379 5-71				32,33,42	17		7,803	5.05	394						
573754 MARLU SPARKLE JESTER.....*		3	31	2-33,41	37	3.3	8,132	4.60	374	8	32	0	-.05	-4	-3
06-06-56 506147 1983661 5-71					8		8,056	4.78	385						
573756 SABLES FANCY PINN.....*		4	25	3-48,73,	47	2.6	10,001	5.35	535	9	41	-5	+.07	+6	+5
01-16-57 567869 2093508 5-71				74	26		10,146	5.20	528						
573809 BILTMORE CITATION JESS.....*		13	14	2-55,74	122	2.6	6,971	5.09	355	23	74	-413	+.15	-8	-17
09-28-56 559991 1794021 5-71					47		7,386	4.86	359						
573813 ROACRES SIR STANDARD.....*		4	11	1-55	24	3.0	8,193	4.94	405	11	41	+174	-.01	+8	+11
03-05-55 566990 1463705 5-71					36		7,642	4.95	378						
573846 BRIGHAM VOL. KING TUT OF OGSTO*	23-11	11	31	3-21,22,	106	2.9	10,621	4.78	508	11	58	+87	-.10	-5	-2
08-19-56 538481 1796768 5-71				23	53		10,649	4.95	527						
573850 JOYCES OBSERVER LADDIE.....*		4	8	2-88,93	20	3.1	11,265	5.71	643	15	39	-153	+.09	0	-4
05-13-56 560770 1368363 5-71					26		11,966	5.57	666						
574037 RIGHT VOLUNTEER REX.....*		1	26	1-55	26	2.5	7,862	4.87	383	5	27	+32	-.01	+1	+2
11-26-56 506697 1617200 5-71					9		7,620	4.87	371						
574077 PINN BLONDE ROSEBOY.....*		1	28	1-32	28	3.6	8,388	5.00	419	8	29	-28	+.02	0	-1
11-19-55 534381 1402021 5-71					7		8,448	4.97	420						
574082 ADVANCER RECORD C PRINCE.....*		4	12	1-32	20	2.4	8,523	4.82	411	8	34	-125	-.01	-7	-9
04-12-56 497599 1665751 5-71					10		8,899	4.88	434						
574138 CARTAGENA BASIL FAVORITE.....*		8	47	1-92	85	2.5	10,374	5.25	545	5	42	+191	+.06	+15	+17
11-19-54 510554 1603392 5-71					38		10,036	5.14	516						
574153 STONE STEPS WONDROUS BANNER...		9	7	2-11,13	21	2.4	7,611	5.14	391	27	42	-293	+.02	-13	-18
02-16-57 554758 1837992 5-71					18		8,257	5.11	422						
574190 L. CLAIR STANDARD BASIL.....*		4	13	2-41,42	18	2.8	6,720	5.54	372	**	31	-236	+.04	-8	-13
08-05-56 486937 1592401 9-70					10		7,337	5.40	396						
574197 BELLE COMMANDO SIR.....*		4	37	2-35,42	43	4.0	7,438	5.74	427	11	33	-240	+.14	0	-6
02-12-57 561500 1424718 5-71					16		8,087	5.32	430						
574206 CROWNING VICTORIOUS KEEPER....*		6	5	3-35,42,	16	2.3	8,292	5.11	424	**	41	+86	-.12	-6	-3
04-19-55 489295 1853661 5-71				43	16		7,993	5.53	442						
574224 TWO OAKS SYLVESTER.....		1	26	1-41	26	3.9	8,159	5.53	451	10	29	-8	+.08	+7	+6
04-17-55 478932 1878507 5-71					10		8,115	5.22	424						
574229 HONEYS CHIEF OF REDMOND.....*		4	17	1-91	43	3.4	9,286	5.36	498	10	48	+40	-.02	0	+1
07-31-56 469534 1911304 5-71					16		9,240	5.49	507						
574246 GALLANT COMBO.....*		25	3	10-56,57,	49	2.5	9,345	4.74	443	**	72	+476	-.05	+19	+28
03-28-57 556063 1474483 5-71				58,65,74	28		8,661	4.78	414						
574279 SHADELS DESIGN KEEPER BEAUTY..	35-21	35	6	7-41,42,	102	1.9	8,155	5.14	419	29	79	-252	+.07	-7	-12
03-18-57 568187 1499159 5-71				43,47,48	11		8,433	5.08	428						
574356 JOLLY BEACON RADAR.....*	65-02	33	3	5-34,55,	56	2.2	7,425	5.05	375	24	74	-484	+.09	-17	-27
01-01-57 565303 2085625 5-71				57,63,65	24		7,996	4.93	394						
574361 NOTED PINNACLE SULTAN.....*		5	5	2-34,43	15	3.4	9,486	4.87	462	0	41	0	-.08	-7	-6
02-13-57 507864 1712438 5-71					31		9,560	5.07	485						
574470 SHADEWELL VICTORY LAD.....*	21-10	42	4	5-12,13,	99	2.8	10,047	5.11	513	3	83	+405	-.02	+18	+25
01-20-57 473215 1860681 5-71				16,21,58	21		9,634	5.15	496						
574480 DOUBLE DESIGN STANDARD KING...*		1	27	1-74	27	1.5	10,904	4.52	493	**	24	+241	-.01	+11	+15
10-26-56 528549 1900202 5-71					39		10,035	4.48	450						
574525 BASILEUS ADVANCER PINN.....*		13	21	5-21,35,	79	4.0	10,041	5.11	513	0	60	+12	+.05	+5	+4
07-14-56 534381 1664629 5-71				41,43,74	21		10,150	5.04	512						
574560 TRISTRAM SILVER STAR.....*	93-05	5	3	2-88,91	10	3.3	10,343	5.03	520	0	34	-20	+.06	+4	+3
02-20-57 565028 2077641 5-71					14		10,579	4.88	516						
574583 BISHOP GLADIATOR.....*		2	13	2-13,58	15	3.2	9,479	5.22	495	43	27	-328	+.03	-14	-20
09-21-56 524199 1820512 5-71					19		10,926	5.15	563						
574673 ETTA JIM STAR.....*		17	21	11-31,32,	51	3.2	8,720	5.13	447	17	48	-349	+.03	-15	-22
01-02-57 549549 1978736 5-71				34,48,74	13		9,517	5.09	484						

REGISTRATION NUMBER	NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
574675	COMMANDO ETTA JESTER.....		3	30	1-31	34	3.9	7,478	5.32	398	0	32		-178	+.01	-8	-11
02-02-57	556092 1685832 5-71					28		7,940	5.35	425							
574714	BASIL STANDARD JOE.....		4	4	1-92	12	2.3	10,869	5.26	572	0	35		+410	+.02	+22	+29
01-20-57	472114 1547579 5-71					11		9,773	5.29	517							
574726	HOUPLAS DREAMING JESTER.....		5	23	2-82,92	74	3.4	10,187	4.65	474	3	56		+141	-.13	-5	0
01-28-57	525015 1896248 5-71					23		10,056	4.86	489							
574742	VICTORY SALES BEAUTY.....		3	24	2-91,93	28	2.7	9,166	4.68	429	**	30		+139	-.08	0	+4
11-12-55	419248 1747517 5-71					96		8,680	4.92	427							
574752	PATHFINDERS PIONEER.....	93-16	40	22	12-42,52, 72,92,93	185	2.4	9,853	4.94	487	13	75		-37	-.01	-3	-3
12-23-56	557868 1796086 5-71					43		10,021	4.97	498							
574754	BRAMPTON JESTER RADAR.....	63-02	35	3	5-58,63, 64,65,93	65	3.0	8,264	4.94	408	**	78		-119	+.01	-5	-7
03-05-50	475948 010109628 5-71					44		8,370	4.93	413							
574767	STANDARD PINNACLE DANDY VOL...		4	9	2-86,92	19	1.6	9,389	4.64	436	**	34		+49	-.09	-6	-4
10-24-54	536375 1442638 5-71					31		9,286	4.93	458							
574839	ROSSMERE ISLAND KEEPER.....		8	2	3-82,91, 92	13	1.8	9,233	5.36	495	**	40		+143	+.09	+15	+16
11-19-55	546038 1893194 5-71					20		8,875	5.18	460							
574905	WASHINGTON SHORTSTOP.....	31-02	5	5	2-87,88	17	1.8	8,393	4.68	393	**	40		-142	-.08	-14	-15
03-02-57	546354 1768647 5-71					24		8,742	4.91	429							
574935	CHALLENGERS PREFORMER.....		4	5	2-91,93	11	1.9	12,358	4.90	605	**	29		+431	-.11	+11	+20
08-14-56	521405 1417665 5-71					69		11,080	5.25	582							
574996	BRIGHAM ADVANCER NEIL.....	22-03	12	8	2-22,56	49	3.5	10,029	5.21	523	12	63		-215	+.17	+4	-2
04-06-57	544480 1732931 5-71					50		10,541	4.98	525							
575103	TRAD. LAD VOLUNTEER FOX.....		1	41	1-74	41	2.5	8,233	4.89	403	13	28		-33	-.02	-3	-3
02-16-57	569785 1670060 5-71					8		8,296	4.98	413							
575134	C B OUBLE STANDARD ADANA.....		2	17	1-93	19	4.0	9,526	5.34	509	0	30		-272	+.04	-10	-15
12-12-56	563520 1721324 5-71					38		10,611	5.24	556							
575185	HARMONY ROYAL DANDY.....		3	10	2-58,74	14	3.5	8,913	4.94	440	**	31		+166	+.02	+10	+13
12-05-56	550027 1980598 5-71					89		8,314	4.84	402							
575186	CROWNING WINSOME DESIGNER.....		26	5	14-21,33, 41,51,61	59	3.2	8,158	4.98	406	17	73		-286	-.10	-23	-27
03-12-56	550262 1810170 5-71					21		8,519	5.15	439							
575188	WINSOME VICTORIOUS KEEPER.....		5	16	4-51,55, 65,74	29	2.9	8,269	5.08	420	12	38		+95	-.04	+1	+3
04-12-57	550262 1681307 5-71					16		7,929	5.22	414							
575212	BETHS AIM DUKE.....		1	12	1-64	12	3.7	7,804	4.97	388	**	25		-97	+.01	-4	-6
10-04-56	542103 1757568 5-71					25		8,131	4.96	403							
575217	ADVANCER MARKSMAN.....		8	13	2-58,64	26	3.8	6,339	5.35	339	13	41		-661	+.14	-22	-35
01-10-57	528332 1786228 5-71					25		7,857	4.98	391							
575251	VICTORY FIRECRACKER MARVEL.....		2	25	2-23,31	27	4.7	8,949	5.26	471	0	31		+148	.00	+7	+10
10-27-56	473215 1623372 5-71					16		8,431	5.33	449							
575268	HEADSPRING COMMANDO PRINCE.....		5	8	1-56	15	3.5	9,200	5.34	491	9	34		-246	+.10	-4	-10
11-21-56	567445 1931037 5-71					73		10,041	5.11	513							
575344	BIJOUS JESTER ROYAL.....		2	20	2-58,63	22	3.6	7,405	4.73	350	13	29		-21	-.03	-4	-4
12-20-56	524573 1737994 5-71					12		7,327	4.90	359							
575352	C C DESIGNERS STANDARD JIM.....		3	30	1-91	34	2.2	8,582	5.24	450	4	29		-215	+.06	-6	-11
08-12-55	517081 2033336 5-71					42		9,385	5.07	476							
575375	MAYBELLES REMUS REX BLOSSOM...		1	13	1-86	13	1.9	9,749	4.82	470	**	22		+80	.00	+4	+5
03-12-54	520107 1878882 5-71					23		9,450	4.81	455							
575398	BRAMPTON JEST RADAR.....		2	7	2-58,74	12	2.8	8,479	4.47	379	0	30		+174	-.09	+1	+5
05-17-56	475948 1631374 5-71					98		7,790	4.72	368							
575408	RANDLEIGH SUPER GOLD STAR.....		2	25	1-21	27	3.9	8,963	4.96	445	**	30		+146	-.06	+2	+5
06-27-56	491556 1804172 5-71					8		8,442	5.18	437							
575410	ETTA COMMANDO PRINCE.....		5	4	2-32,33	10	1.4	8,299	5.13	426	**	28		+237	-.01	+11	+15
01-04-57	556092 2002911 5-71					14		7,293	5.20	379							
575467	SPARKLE SUPERMAN.....	22-03	11	26	4-22,52, 55,56	94	2.5	9,866	4.87	480	28	57		-273	-.06	-19	-23
04-26-57	506147 1604255 5-71					63		10,518	4.97	523							
575492	HERITAGE OF GETTYSVUE.....		1	24	1-63	24	3.1	7,237	5.04	365	13	28		-156	.00	-8	-11
07-10-56	525203 1689285 5-71					22		7,682	5.09	391							
575514	WORTHY STANDARD DESIGNER.....		4	40	1-65	60	1.9	7,997	4.70	376	24	35		-15	-.01	-2	-2
03-03-57	563771 1383881 5-71					66		7,952	4.75	378							
575525	SIEGFRIED DUKE LAD GOLIATH.....		1	18	1-31	18	2.7	11,606	5.12	594	**	25		+371	+.04	+22	+28
01-27-57	529376 1669691 5-71					7		10,278	4.99	513							
575581	RUBYS DANDY OF L.P.....		1	11	1-93	11	3.7	11,664	4.80	560	**	24		+137	-.03	+4	+7
08-01-56	543757 1577023 5-71					21		11,347	4.90	556							
575599	VOLUNTEER DESIGN REMUS JACK...		1	18	1-55	18	3.2	7,795	5.17	403	18	27		-238	+.07	-6	-11
09-17-55	506697 1961185 5-71					11		8,666	4.94	428							
575669	SURVILLE HARVEST GEORGE.....		2	11	1-57	19	1.9	6,035	5.14	310	**	33		-305	+.06	-10	-16
02-22-57	562315 1765027 5-71					18		6,768	4.92	333							
575670	BRAMPTON LOYAL MASTERFUL.....		1	18	1-63	18	4.8	8,317	4.73	393	0	29		+23	-.04	-2	-1
01-13-55	556755 1580453 5-71					66		8,171	4.90	400							
575678	SOUVENIR ADVANCER COUNT.....		4	12	1-31	19	3.6	9,066	4.90	444	0	34		+154	-.06	+2	+6
04-13-56	563278 1901970 5-71					11		8,585	5.10	438							
575723	FIELDCRESTS PINNACLE 808.....		3	10	1-74	30	2.7	5,312	4.89	260	0	46		-361	.00	-18	-24
12-02-56	525658 1853920 5-71					54		5,797	4.93	286							
575737	CHALLENGER ROYAL SULTAN.....		1	15	1-33	15	2.8	8,003	4.96	397	**	25		-112	-.02	-7	-9
06-09-54	457793 1460351 5-71					11		8,404	5.10	429							
575745	CHIEF JESTER RUSH.....		1	18	1-63	18	1.8	7,673	4.89	375	**	24		-172	+.03	-6	-9
07-22-56	519446 1682919 5-71					1		8,347	4.79	400							
575828	TEXAM 88G OBSERVER CRIS.....	74-01	2	20	1-74	27	3.2	8,894	4.89	435	11	33		+42	-.01	+1	+2
11-23-56	419248 1862562 5-71					28		8,754	4.91	430							
575877	SLEEPA PRIDE.....		3	24	2-42,43	28	2.0	7,502	5.31	398	35	28		-272	+.05	-9	-15
07-30-56	556067 1944211 5-71					10		8,424	5.12	431							
575929	SYBILS MIGHTY WARMAN.....		2	9	1-63	14	2.1	6,851	4.86	333	43	29		-108	-.02	-7	-9
01-03-57	562353 1419733 5-71					24		7,054	4.99	352							
575947	ADVANCER COMMANDO MILESTONE...		2	9	1-55	17	4.3	9,331	4.98	465	8	37		-5	+.04	+3	+2
03-11-57	563805 1968096 5-71					10		9,401	4.86	457							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
576050 OXFORD NOBLE AIM.....*		6	16	2-42,43	37	3.2	7,571	5.30	401	9	45	-229	-.02	-13	-17
01-07-57 507867 2008955 5-71					17		7,993	5.39	431						
576065 SIGNAL LORD BASIL.....*		2	21	2-58,74	26	3.0	7,962	4.89	389	9	32	+45	+.01	+3	+4
12-04-56 555106 1699697 5-71					74		7,706	4.85	374						
576258 WONDERFUL MOOR NATALIES DESIGN*		1	16	1-21	16	2.7	8,013	4.72	378	**	25	-20	-.06	-6	-5
08-31-56 554292 1722662 5-71					14		8,012	5.00	401						
576315 FAIRY BASIL RIENZI.....*		1	17	1-14	17	3.2	7,401	5.80	429	11	26	-213	+.09	-3	-8
02-20-56 521175 1831861 5-71					6		8,165	5.43	443						
576342 ETTAS MILESTONE.....*		17	27	6-31,35, 43,55,58	104	3.7	8,387	5.39	469	4	61	-82	+.22	+15	+10
12-10-56 563805 1631376 5-71					21		8,485	5.23	444						
576383 ESMOND VICTORIA FLYER.....		3	115	1-58	123	2.4	8,445	4.95	418	11	31	-120	+.03	-3	-6
09-15-55 502114 1471752 5-71					102		8,831	4.85	428						
576388 RADAR PRIMER BIJOU.....*		4	10	1-92	15	3.9	9,421	5.15	485	**	33	-139	+.01	-6	-9
11-22-56 555846 2040696 5-71					39		9,964	5.17	515						
576421 DESIGNER DANDY RECORDS.....*		3	25	1-63	31	3.5	7,743	5.05	391	11	33	-305	+.04	-12	-18
08-13-56 558412 1709611 5-71					29		8,656	4.97	430						
576438 W.R. PINN HI-POWER GRANDIS....*		1	27	1-31	27	2.6	7,710	5.12	395	15	28	-148	.00	-7	-10
09-06-56 559781 1833934 5-71					21		8,187	5.13	420						
576497 LEW-LAND BUSTER STAR.....*		1	18	1-21	18	3.3	10,532	5.20	548	7	27	+139	+.01	+8	+10
02-19-57 553060 1763387 5-71					11		10,139	5.21	528						
576613 LILAC ADVANCER BEACON.....*		3	27	1-21	48	3.9	9,525	5.38	512	2	43	-57	+.04	+1	-1
05-06-56 496743 1600005 5-71					26		9,748	5.31	518						
576641 WONDERFUL JESTER BASIL.....*		1	16	1-43	16	3.0	6,794	4.97	338	**	26	-235	-.03	-14	-18
07-20-56 531342 1688971 5-71					10		7,583	5.14	390						
576653 ADVANCER BLONDE TOPPER.....*		3	7	1-61	10	2.6	8,216	5.28	434	44	27	-21	+.05	+3	+2
06-12-57 543429 1785332 5-71					17		8,239	5.10	420						
576726 BRAMPTON BEACON ACME.....*		7	6	2-57,64	21	2.8	7,231	4.80	347	**	45	-265	-.06	-18	-22
01-05-56 010121022 010233589 5-71					66		7,714	4.96	383						
576770 ROYAL SIGNET ADVANCER.....*		1	22	1-12	22	5.2	9,457	4.93	466	0	30	-27	-.02	-3	-3
12-28-56 469101 1788502 5-71					16		9,631	5.00	482						
576830 DESIGNS LUCKY BEN.....*		2	8	1-23	13	2.7	8,696	5.19	451	25	30	+25	-.01	0	+1
07-26-55 474007 1571975 5-71					22		8,584	5.28	453						
576879 FILLPAIL BLONDE SIR.....*		7	5	5-32,55, 57,58,63	15	2.3	8,123	5.47	444	0	39	-409	+.06	-15	-23
04-16-57 496151 1766978 5-71					33		9,216	5.31	489						
576880 SPARKLING FILLPAIL SLEEPER....*		2	15	1-56	17	3.1	7,179	5.17	371	0	28	-121	+.06	-1	-4
04-19-57 496151 1526610 5-71					15		7,487	4.98	373						
576911 GOLDEN ETTA VALIANT.....*		18	20	9-23,31, 33,34,55	53	2.5	8,618	5.36	462	0	48	-30	+.09	+6	+4
07-18-57 565141 1914397 5-71					16		8,664	5.19	450						
576938 SPARKLE JESTER DANDY.....*		5	4	2-31,72	16	5.3	9,508	5.31	505	9	46	+131	+.07	+13	+14
09-30-56 550028 2020053 5-71					15		9,264	5.19	481						
577027 MARLU SUPREME MILESTONE.....*		3	29	2-56,58	33	4.6	7,933	4.82	382	0	33	-45	-.03	-5	-5
03-16-57 563805 1858255 5-71					19		7,985	4.93	394						
577039 OORBROOKS LOUISDXFORD LIBERATO*		5	3	3-22,56, 85	10	1.7	7,132	5.26	375	13	31	-221	+.04	-8	-12
09-14-56 544382 1247580 5-71					14		7,743	5.15	399						
577059 MERMAID VINE OWL ESMOND.....*		3	14	1-55	18	2.7	10,135	5.02	509	23	29	+12	.00	+1	+1
11-12-54 443914 2049693 5-71					25		10,232	4.99	511						
577107 ADVANCER SLEEPING STANDARD....*		8	5	3-34,41, 55	25	3.6	9,276	5.08	471	0	53	+582	-.08	+22	+33
09-13-57 569296 1885524 5-71					15		8,095	5.29	428						
577134 MARLU MILADYS CLIMAX.....*	72-01	59	13	11-52,58, 65,72,74	278	1.8	8,888	4.68	416	12	86	+129	-.15	-7	-2
03-12-57 506147 1726368 5-71					32		8,724	4.86	424						
577221 SECRET BRAVE MOOR.....*		5	23	3-23,52, 55	37	3.8	9,396	5.21	490	5	39	+121	+.08	+13	+14
02-08-57 497574 1848100 5-71					22		9,112	5.04	459						
577246 JOVIALS VICTORIOUS DREAMER....*		1	12	1-55	12	3.5	8,138	4.89	398	**	25	-56	-.02	-5	-6
05-03-57 561100 2149408 5-71					7		8,316	5.03	418						
577248 COMMANDO DEWDROP DESIGN.....*		1	20	1-51	20	3.6	7,799	5.36	418	13	28	-47	-.01	-3	-4
01-26-57 562640 1581654 5-71					8		7,875	5.50	433						
577275 SUPREME MODEL ADVANCER.....*		5	13	2-31,65	21	4.0	7,182	5.12	368	0	37	-156	.00	-8	-11
08-21-57 569158 1895582 5-71					23		7,464	5.18	387						
577276 ITS PANHANDLE VICTORY LAD.....*		2	16	1-73	21	4.1	7,877	5.40	425	0	34	-17	-.02	-3	-3
12-10-56 473215 1834699 5-71					30		7,827	5.56	435						
577280 BASILS STAR ENAS WARD.....*		1	10	1-63	10	3.9	8,475	4.65	394	**	24	-31	-.04	-5	-5
08-11-54 518416 1776543 5-71					35		8,581	4.86	417						
577289 ETTAS ADVANCER ATTACHE.....*		6	32	4-41,42, 43,93	41	3.1	9,707	5.09	494	22	33	+161	.00	+8	+11
08-21-57 568680 1963109 5-71					9		9,262	5.10	472						
577298 LORD BAS BIJOU.....*		4	10	2-21,58	23	2.1	7,930	4.84	384	0	39	+18	-.04	-3	-2
01-29-57 010124853 1700781 5-71					19		7,775	5.02	390						
577341 MARLU MILESTONE BLONDE.....*		8	30	3-56,65, 72	57	2.6	8,367	4.79	401	**	42	-88	-.01	-5	-6
04-06-57 563805 2092116 5-71					17		8,549	4.82	412						
577386 BEAU GIPSY SYBIL TABARD.....*		11	8	6-12,13, 16,21,50	28	3.7	9,418	5.30	499	7	51	-41	+.02	0	-1
11-19-56 460788 1519448 5-71					29		9,572	5.29	506						
577387 GIPSY FAIRY LUCIFER.....*		1	24	1-13	24	3.6	10,548	4.91	518	17	28	+42	-.07	-4	-2
04-30-57 460788 1413845 5-71					24		10,571	5.17	547						
577388 TRUE TRAIL BLAZER.....*	21-10	76	3	6-13,16, 21,23,56	152	2.6	9,202	5.22	480	14	88	+115	+.14	+18	+18
05-05-57 503554 1836567 5-71					21		9,095	5.08	462						
577474 SYBIL CARLETTAS FINALIST.....*	21-10	109	4	6-11,12, 13,21,57	251	1.8	10,096	5.07	512	11	91	+519	+.01	+27	+36
05-25-57 480642 1563732 1-71					24		9,602	5.07	487						
577484 HARMONY FANCY DUKE.....*		2	22	1-13	24	2.6	9,180	4.77	438	**	29	+233	-.06	+6	+11
04-09-57 550668 1631106 5-71					7		8,325	4.97	414						
577505 FARMER IN THE DELL.....*		12	2	8-14,16, 31,33,43	16	2.3	7,291	5.21	380	0	48	-597	+.08	-23	-35
01-17-57 530454 2090730 5-71					12		8,505	5.03	428						
577517 MARWAY WONDROUS SNOWMAN.....		1	33	1-13	33	3.0	7,346	5.31	390	**	29	-247	+.05	-8	-13
06-27-57 554758 1681540 5-71					11		8,137	5.16	420						
577534 V. REMUS REX DUKE SIR.....*		1	28	1-84	28	3.7	6,737	5.71	385	0	29	-313	+.08	-9	-16
11-10-54 528263 1536047 5-71					11		7,721	5.40	417						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	% REPT	PREDICTED DIFFERENCES MILK	%	FAT	$$
577561 SYLVAN AMPLIFIER.....*		4	21	2-91,92	27	1.6	10,389	4.64	482	**	29	+82	-.10	-5	-2
11-20-55 530102 1467753 5-71					61		10,244	4.96	508						
577703 DAVIS COMBINATION RADAR.....		1	25	1-74	25	2.8	8,361	4.20	351	8	27	-30	-.05	-6	-6
09-13-57 499207 1918566 5-71					18		8,435	4.39	370						
577710 EXPERIMENT BELLES LORD.....*	65-04	16	7	2-63,65	41	2.0	8,800	4.99	439	17	59	-118	.00	-6	-8
04-11-57 486937 1840000 5-71					33		9,019	5.01	452						
577717 BROWDER DESIGN LADS REX.....*		2	24	1-74	45	3.4	5,579	4.98	278	0	42	-134	+.01	-6	-8
11-04-56 545080 1638984 5-71					38		5,572	5.01	279						
577752 PINNACLE BLONDE AIM JR.....*	43-02	5	8	2-32,43	21	3.8	8,392	5.48	460	10	42	-64	+.15	+10	+7
09-26-54 534381 1380244 5-71					7		8,513	5.11	435						
577763 EAGLE WOLSELEY PRINCE.....*		2	12	1-92	19	2.0	12,021	5.11	614	6	32	+475	-.01	+23	+31
03-20-57 552764 1847205 5-71					39		10,738	5.15	553						
577791 LIBERATOR JESTER CERES.....*		3	8	1-74	16	2.7	8,512	4.32	368	0	36	+141	-.13	-5	0
02-01-57 566361 1644931 5-71					104		8,034	4.72	379						
577803 JOLLY BEACON LOUIE.....*		3	7	1-34	13	2.9	7,748	5.33	413	17	32	-49	+.03	0	-1
08-27-57 565303 1471241 5-71					14		7,796	5.23	408						
577811 DAINTYS BASIL ADVANCER LAD....*		2	11	1-82	13	3.3	10,572	5.12	541	0	27	+313	-.07	+9	+16
12-22-56 551579 1624867 5-71					9		9,460	5.43	514						
577890 PLEASANT HILL GRENADIER FELLER		3	7	2-35,41	10	2.2	7,665	5.11	392	13	26	-170	+.01	-8	-11
12-29-55 542873 1769025 5-71					13		8,256	5.12	423						
577933 BINDLES COMMAND.....*		2	27	1-23	29	3.1	7,648	5.64	431	23	30	-283	+.11	-5	-11
06-17-57 521704 2009200 5-71					25		8,573	5.26	451						
577951 PROGRESS WELCOME TARZAN.....*		4	26	1-71	37	2.6	7,880	5.03	396	0	35	-120	+.05	-2	-5
08-27-57 552961 2025209 5-71					8		8,160	4.91	401						
577958 ADVANCER BASIL LORD.....*	21-10	59	9	9-11,12,	204	2.9	9,763	4.84	473	15	86	+253	-.22	-7	+1
12-17-56 493165 2222747 5-71				13,16,74	20		9,538	5.11	487						
577970 BASILEUS BEACON GLIMMER.....*		1	13	1-57	13	4.9	7,841	5.41	424	0	27	-85	+.05	0	-2
04-19-57 552778 2046899 9-70					16		8,086	5.24	424						
578033 BEACON BULLSEYE TREADDR.....*		10	6	6-21,23,	25	3.1	9,379	5.09	477	**	50	-71	-.02	-5	-6
08-20-56 564162 1963697 5-71				31,34,55	30		9,598	5.16	495						
578077 LEADERS DESIGN VOLUNTEER.....*		2	45	1-93	49	2.4	8,150	4.80	391	24	30	-115	-.01	-7	-9
08-28-57 506577 1554177 5-71					110		8,504	4.89	416						
578090 WASHINGTON NICHOLAS.....*		2	19	2-12,13	30	3.9	7,836	5.09	399	12	38	-134	+.03	-4	-7
05-30-57 563941 2092062 5-71					19		8,122	5.05	410						
578094 FOSTER 4-STAR PINNACLE BEACON.		1	13	1-61	13	2.9	9,338	5.49	513	**	25	-88	+.10	+4	+1
10-06-56 562219 1488000 5-71					45		9,794	5.14	503						
578119 BRAMPTON PRIDES BEACON.....*	65-02	13	1	1-65	15	2.7	7,794	4.93	384	0	49	-195	+.02	-8	-12
11-15-56 010122162 010167504 5-71					19		8,121	4.90	398						
578138 KARITA JESTER AIM.....*		3	23	1-42	33	3.2	6,975	4.49	313	13	35	-183	-.06	-14	-16
07-11-57 523387 1696879 5-71					7		7,348	4.72	347						
578139 GOLDEN FANCY JESTER.....*		2	7	1-73	13	1.2	7,498	4.71	353	**	27	-145	+.01	-6	-9
08-13-57 523387 1650393 5-71					9		7,941	4.68	372						
578140 JESTER COMMANDO PINN.....*		5	4	1-42	11	2.7	7,975	5.13	409	11	35	-155	+.02	-6	-9
08-24-57 523387 1883250 5-71					13		8,377	5.11	428						
578146 HIGHFIELD WONDROUS STANDARD...*	35-75	17	48	9-56,57,	95	3.0	10,154	5.08	516	3	45	+337	-.02	+15	+21
08-23-57 489542 1766980 5-71				58,74,87	49		9,467	5.15	488						
578154 DESIGNERS DREAMING BELLE BOY..*		3	8	3-31,34,	11	2.7	7,217	5.02	362	0	28	-245	.00	-12	-16
07-02-57 554292 1987352 5-71				65	10		8,006	5.06	405						
578236 FAVORITE KARNALAD.....*		14	8	10-12,13,	33	3.1	10,834	4.95	536	0	54	+348	-.11	+7	+15
09-19-57 563813 2154909 5-71				14,56,63	61		10,332	5.14	531						
578259 REX TRISTRAM LAD.....*		1	34	1-31	34	4.4	7,349	5.44	400	6	31	-22	+.09	+7	+5
08-10-57 558733 2070326 5-71					3		7,265	5.11	371						
578307 BLONDE ETTA STAR.....*		12	2	3-23,31,	18	2.7	8,620	5.06	436	**	52	+71	+.01	+4	+5
10-05-57 565141 1799701 5-71				58	22		8,442	5.05	426						
578311 DESIGN FERNHILL.....*		7	8	2-31,32	21	2.6	7,235	4.96	359	**	41	-80	-.03	-7	-8
08-20-57 535756 1663048 5-71					7		7,275	5.11	372						
578382 OBSERVER SIGNAL REVIVAL.....*	61-02	88	5	11-31,33,	242	1.7	9,962	4.79	477	13	90	+893	-.23	+22	+41
12-22-56 419248 2075775 5-71				48,61,74	18		8,983	5.05	454						
578424 LILAC LADS JEWEL CHALLENGER...*		1	35	1-23	35	2.1	8,548	5.22	446	**	27	-11	+.03	+2	+1
09-28-57 510343 1854446 5-71					12		8,561	5.12	438						
578432 NOBLE LUKE.....*		1	44	1-93	44	3.2	11,004	5.05	556	5	30	+180	-.08	+2	+6
11-26-57 466643 1915794 5-71					33		10,582	5.29	560						
578575 WASHINGTON APOLLO.....*	12-03	39	3	5-12,13,	72	2.9	9,121	5.11	466	13	80	-212	+.05	-6	-10
10-29-57 546354 1868596 5-71				21,58,86	23		9,446	5.06	478						
578631 CLEARBROOK GIRLS BART.....*		5	3	1-13	10	3.2	10,233	4.72	483	0	35	+179	-.17	-6	0
11-12-56 561869 1673114 5-71					19		9,815	5.21	511						
578699 BRAMPTON FAVOR COMMANDO.....		1	17	1-74	17	3.2	8,992	5.42	487	**	27	-31	+.02	0	-1
03-19-57 556096 1600149 5-71					32		9,143	5.42	496						
578738 BASIL TENELLENAS JESTER.....*		4	10	2-64,65	19	3.3	6,543	4.95	324	6	38	-479	+.04	-21	-30
09-01-57 528332 2057398 5-71					38		7,708	4.88	376						
578758 JESTER ADVANCERS LORD AIM.....*		1	21	1-33	21	3.0	8,560	5.01	429	**	28	-101	-.01	-6	-8
11-20-57 574796 2007784 5-71					16		8,937	5.10	456						
578775 OAK KNOLL CLAIR JESTER.....		16	2	3-12,13,	24	2.8	8,844	4.98	440	18	59	-121	-.03	-9	-11
08-06-57 576245 2087338 5-71				42	12		9,073	5.05	458						
578776 MAID BASIL JIM.....*		7	13	5-47,48,	39	3.5	10,401	4.57	475	10	50	+678	-.19	+16	+31
08-08-57 561495 2103000 5-71				65,73,84	16		9,075	4.89	444						
578791 IDLEMERE COMMANDO CHARGER.....*		1	53	1-93	53	2.1	9,313	5.25	489	**	28	-100	+.09	+3	0
09-05-54 506072 1807211 5-71					44		9,765	4.94	482						
578819 JOHNNYS BASIL FLIPPY HERCULES.*		2	19	1-31	24	2.3	7,731	5.19	401	23	30	-178	.00	-9	-12
09-26-57 568040 2014769 5-71					11		8,268	5.26	435						
578820 ZINNIAS ADVANCER LUCIFER.....*		1	10	1-31	10	4.4	8,416	5.31	447	29	24	-75	+.03	-1	-3
09-05-57 491174 1867098 5-71					48		8,723	5.25	458						
578843 JESTER BEACON ROYALIST DESIGN.*		3	4	1-74	13	2.8	8,595	4.86	418	**	38	+208	+.02	+12	+15
11-06-57 563769 1898624 5-71					18		7,956	4.79	381						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
578855 JESILEUS VALIANT.....*		3	35	1-84	39	3.3	8,104	5.28	428	17	31	-214	+.02	-9	-13
08-28-57 542372 1741785 5-71					39		8,780	5.24	460						
579121 BELLE BEACON SAMARES LAD.....*		1	16	1-61	16	3.8	7,780	5.01	390	**	27	-44	.00	-2	-3
11-19-57 553475 2060758 5-71					17		7,845	5.05	396						
579125 BRAMPTON BASIL CAROM.....*	91-01	39	3	4-41,81,	59	2.1	9,381	4.98	467	15	75	-128	-.19	-23	-22
01-26-57 010121754 010271324 5-71				91,92	15		9,631	5.25	506						
579149 FAIRYS RECORD BEACON.....		2	7	1-87	13	1.8	7,705	5.05	389	**	30	-106	.00	-5	-7
09-22-57 557955 1804315 5-71					1		7,978	5.06	404						
579169 B.F.F.B. CARRY ON.....*	16-04	11	4	5-13,14,	22	3.9	10,641	5.25	559	10	53	+314	+.09	+24	+28
11-23-57 521175 1989133 5-71				16,22,52	15		10,176	5.12	521						
579172 SECRET SPECTATOR.....*		3	49	1-52	55	3.6	9,302	5.11	475	11	33	+9	+.02	+2	+2
09-05-57 497574 1919726 5-71					13		9,322	5.05	471						
579205 MARLU MILKMAN IOOL.....*	21-01	75	2	6-11,13,	116	3.2	8,729	5.05	441	13	87	-132	-.06	-12	-13
10-07-57 550331 2057465 5-71				16,21,52	17		8,885	5.14	457						
579234 TRISTRAM SOVEREIGN SAMPSON....*		3	9	1-82	17	3.3	8,932	5.32	475	0	35	-46	+.03	0	-1
02-28-57 563431 1830160 5-71					19		9,090	5.31	483						
579237 BEACON CORONATION SUCCESSOR...*		1	34	1-64	34	3.2	6,475	5.28	342	6	29	-305	+.04	-12	-18
10-24-57 570133 1542201 5-71					35		7,371	5.17	381						
579248 JESTPINN GOLDEN ROYALIST.....		1	72	1-35	72	3.5	7,336	5.53	406	6	31	-57	+.06	+2	0
02-16-57 549122 2080722 5-71					31		7,375	5.34	394						
579251 MISTERS JESTER BASILEUS.....*		6	10	4-42,43,	27	3.3	7,824	5.42	424	4	46	-256	+.03	-10	-15
08-16-57 549122 1626621 5-71				64,71	20		8,335	5.37	448						
579260 MISTER COMMANDO OF LANE.....		2	24	1-34	26	4.3	9,346	5.14	480	0	31	+171	.00	+9	+12
02-13-56 521974 1616437 5-71					24		8,789	5.13	451						
579265 CHARMS BEACON JESTER.....*		6	3	1-13	12	4.0	9,666	5.20	503	11	41	+171	-.01	+8	+11
12-18-57 010124546 2214006 5-71					19		9,294	5.26	489						
579316 PROMOTERS WIZARO OF OZ.....*		1	57	1-42	57	3.1	9,627	5.09	490	16	30	+91	.00	+5	+7
03-28-57 465708 1886702 5-71					12		9,378	5.08	476						
579317 BIJOUS KITTY DESIGN.....*	43-02	7	13	2-43,56	34	1.8	6,257	4.89	306	25	43	-539	+.01	-26	-36
10-02-57 552325 1850472 5-71					54		7,353	4.90	360						
579361 LORO TRIS.....		4	15	2-91,92	26	1.9	9,324	5.26	490	**	34	+2	+.03	+3	+3
05-06-54 435991 1636077 5-71					28		9,370	5.20	487						
579379 ADVANCER ETTAS SON JESTER.....*		4	18	1-31	31	3.7	8,369	4.85	406	7	38	+13	-.06	-5	-4
11-13-57 519446 2002341 5-71					15		8,276	5.06	419						
579392 ACME BAS RADAR.....*		8	4	5-21,22,	15	2.2	9,704	5.19	504	20	40	+142	.00	+7	+9
03-23-57 010121022 2107856 5-71				23,51,65	19		9,404	5.22	491						
579422 SUPREME MARLU MILADY PRINCE...*		4	7	1-31	15	1.4	8,098	4.87	394	18	30	+188	-.04	+6	+10
09-19-57 571911 2163986 5-71					9		7,321	5.01	367						
579466 STAROUST SURVILLE BROWNY PRIDE*		7	6	2-92,93	24	1.8	9,581	5.07	486	**	46	-137	+.01	-6	-9
08-11-57 557569 2083823 5-71					22		9,995	5.08	508						
579481 HEADSPRING COMMANDO MAJOR.....*		4	7	2-55,56	17	3.1	8,328	5.31	442	29	37	-168	+.06	-3	-7
05-16-57 567445 1887773 5-71					51		8,771	5.19	455						
579483 SPARKLE MOGUL.....*		2	40	1-56	46	2.5	8,330	5.26	438	5	31	-294	.00	-15	-20
09-26-57 567973 1931043 5-71					45		9,320	5.30	494						
579491 COMMANDOS ADVANCER RECORD BOB.*		1	13	1-43	13	2.2	8,213	4.59	377	**	23	-20	-.03	-4	-4
03-29-57 566110 1892544 1-71					18		8,246	4.79	395						
579515 SYBIL BARONET DESIGN AIM.....*		2	13	1-58	15	3.3	6,362	5.09	324	13	27	-243	+.06	-7	-12
09-24-57 542236 1928838 5-71					54		7,073	4.86	344						
579560 WINSOME ROYAL CUPID.....*		7	2	3-91,92,	11	1.4	8,453	4.96	419	**	35	-224	-.04	-15	-18
02-28-57 517748 1533704 5-71				93	19		9,124	5.13	468						
579585 CONFIDENT ROYALTY VOLUNTEER...*		2	9	1-23	17	2.1	6,191	5.25	325	**	34	-266	+.03	-11	-16
09-25-57 561487 1746054 5-71					6		6,759	5.19	351						
579604 SPARKLE SUCCESS BASIL.....*		1	12	1-31	12	3.3	7,862	5.04	396	0	24	-31	-.03	-4	-4
08-12-57 557572 2064507 5-71					15		7,899	5.25	415						
579635 MAPLEWOOD BOYS BASIL.....*		3	8	1-74	16	2.6	7,672	4.95	380	**	36	-330	+.11	-7	-14
01-06-58 559552 2029801 5-71					18		8,575	4.65	399						
579639 PINN JESTER DANDEE.....*		5	4	1-33	11	2.9	8,283	5.29	438	10	35	-225	+.04	-8	-12
12-02-56 497599 2011202 5-71					5		8,938	5.20	465						
579660 DOTTYS VOL OBSERVER BUDDY.....*		4	13	3-82,85,	27	4.2	9,880	5.07	501	5	43	+269	+.06	+19	+23
12-01-57 468521 1682481 5-71				88	24		9,290	4.93	458						
579668 BEAUTYS ADONIS.....*		5	4	1-13	15	2.9	8,766	5.36	470	**	42	-263	+.18	+2	-5
12-03-55 455676 1942666 5-71					9		9,456	4.95	468						
579695 KINGS ADVANCER IT.....*		2	41	1-56	43	4.0	8,345	4.90	409	0	33	+177	-.01	+8	+11
07-23-57 508766 1972750 5-71					19		7,682	4.91	377						
579699 MARLU FAVORITE MILESTONE.....*	51-02	63	6	7-31,42,	194	2.5	7,677	5.04	387	15	88	-426	-.04	-25	-32
01-21-58 563805 1821595 5-71				51,54,56	14		8,084	5.11	413						
579763 SOEURETTES BASIL ADVANCER.....		3	32	1-93	41	2.4	8,170	5.10	417	**	33	-46	+.06	+3	+1
07-08-57 559084 2046588 5-71					79		8,255	4.88	403						
579780 CHAMPIONS SEARCHLIGHT.....*		18	4	5-35,61,	33	2.6	9,707	4.94	480	0	61	+336	-.09	+9	+16
09-21-56 519828 2063103 5-71				63,91,92	29		9,185	5.10	468						
579787 VIOLET SPARKLE SIGNAL.....*	93-01	12	11	4-84,91,	42	1.6	9,867	5.18	511	19	50	-46	+.03	0	-1
03-11-57 506147 1898458 5-71				92,93	25		10,085	5.16	520						
579833 CROWNING BAYLEAF NOBLE.....*		3	9	1-14	12	3.7	7,783	5.29	412	**	30	-282	+.05	-10	-16
03-28-57 495520 1495394 5-71					11		8,715	5.17	451						
579837 SURVILLE GOLDEN COMBINE.....*		6	5	3-16,31,	12	2.4	7,830	4.88	382	**	34	+56	-.10	-6	-4
12-27-57 503523 1990536 5-71				91	11		7,534	5.28	398						
579890 FEATHER FARM BRUCE.....*		1	11	1-21	11	3.6	7,176	5.41	388	0	25	-218	+.09	-3	-8
05-30-54 460497 1444237 5-71					7		7,983	5.01	400						
579918 KEEPERS PEER DESIGNER.....*		1	14	1-93	14	3.7	9,530	5.10	486	**	26	-49	-.06	-8	-8
12-29-54 546038 1760338 5-71					14		9,819	5.38	528						
580002 FAVORITE ADVANCER OXFORD BOY..*		2	17	1-74	34	4.1	8,050	5.02	404	0	43	-121	+.02	-4	-6
06-14-55 555023 1708683 5-71					36		8,280	4.98	412						
580011 NATALIES DESIGNER JR.....*		4	31	3-55,63,	43	2.3	8,341	5.01	418	14	34	+47	+.01	+3	+4
09-02-57 554292 2047621 5-71				65	13		8,132	5.00	407						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
580027 OIXIE DANOY BELL ROYAL.....*		2	14	1-72	22	2.8	8,681	4.50	391	8	34		+77	-.04	0	+2
03-20-56 545109 1844273 5-71					61		8,410	4.60	387							
580090 BRIGHAM ADVANCER DOELL.....*		1	29	1-31	29	2.9	7,925	5.38	426	29	28		-147	+.04	-4	-7
02-03-58 544480 1998240 5-71					9		8,418	5.27	444							
580121 HARMONYS SUPREME.....		6	7	2-11,13	15	2.1	7,813	5.23	409	0	34		-173	+.05	-4	-8
06-06-57 564209 2095887 5-71					17		8,268	5.09	421							
580132 GOLDEN JERSEYS ROYAL.....*		14	7	5-31,35,	31	3.3	7,430	5.30	394	0	54		-551	+.09	-20	-31
11-05-57 565141 1800750 5-71				41,42,55	18		8,403	5.14	432							
580137 BLONDE WONDROUS SPARK PLUG....*		4	48	2-56,58	56	3.8	9,130	5.41	494	2	34		+67	+.04	+7	+8
11-02-56 508078 1916786 5-71					24		8,944	5.32	476							
580147 SECRET WIZARD.....*		3	25	1-31	50	3.4	10,492	5.30	556	11	45		+186	+.04	+13	+16
12-18-57 497574 1524579 5-71					7		10,211	5.24	535							
580149 HIRANGE SECRET PEPPER.....*	61-02	13	14	3-55,56,	46	2.7	9,764	4.98	486	8	51		+206	-.08	+3	+8
01-18-58 497574 1735243 5-71				63	24		9,413	5.15	485							
580152 WASHINGTON GEORGE.....*		1	23	1-46	23	1.8	8,816	5.50	485	21	25		+122	+.05	+11	+12
02-22-58 546354 1969971 5-71					12		8,259	5.34	441							
580193 QUECHEE ADVANCER ADONIS.....*		3	11	1-13	20	4.1	7,389	4.80	355	8	38		-217	-.01	-12	-16
09-17-57 519244 2116419 5-71					35		7,859	4.89	384							
580237 BRAMPTON VICTORY.....*		23	49	9-12,14,	125	2.4	8,971	5.05	453	12	51		-63	-.04	-7	-7
04-16-57 010121022 010203469 5-71				55,56,74	84		9,126	5.17	472							
580308 STANDARD LA PINE BASIL.....*		6	17	1-92	46	1.8	9,131	5.10	466	12	44		0	.00	0	0
03-27-56 534366 1715880 5-71					17		9,161	5.13	470							
580332 SPARKLE STANDARD DESIGN.....*		3	12	1-56	16	4.7	10,157	5.14	522	14	32		-5	.00	0	0
01-16-58 539084 1772035 5-71					67		10,324	5.19	536							
580372 MARLU MILESTONE VENTURE.....*		2	106	1-93	108	2.2	8,683	4.80	417	14	30		+19	-.02	-1	0
01-21-58 563805 1968110 5-71					105		8,594	4.91	422							
580564 COMMANDO ADVANCER BUD.....*		1	26	1-31	26	4.4	7,920	5.20	412	8	29		+13	-.03	-2	-1
01-17-57 557865 1924287 5-71					28		7,769	5.42	421							
580594 BARBARAS ETTA JESTER.....*		39	37	16-35,48,	134	2.6	9,010	4.85	437	17	59		0	-.06	-5	-4
01-04-58 556092 1956106 5-71				61,63,74	27		9,028	4.96	448							
580602 CHAMPIONS PLUTOCRAT.....*	91-01	21	4	9-12,14,	36	2.9	9,958	4.83	481	4	64		+501	-.11	+15	+25
02-23-58 519828 1796086 5-71				55,56,92	33		9,206	4.99	459							
580646 MASTERMAN BEAUTY CUSTOM AIM...*	21-01	75	2	7-13,14,	118	2.7	8,124	5.37	436	23	87		-800	+.22	-22	-39
02-08-57 499358 1667986 5-71				21,56,74	24		9,065	5.12	464							
580670 ZWALOS ADVANCERS DANOY.....*		1	36	1-92	36	3.7	9,060	5.40	489	0	30		+127	+.02	+8	+10
01-02-58 524581 1618508 5-71					15		8,616	5.41	466							
580702 SPARKLE RING MAN.....*		59	13	20-14,22,	165	2.0	9,210	5.17	476	11	79		-95	+.07	+1	-2
11-29-57 506147 1870803 5-71				31,51,65	33		9,385	5.09	478							
580703 SPARKLE SATELLITE.....*		6	5	2-92,93	17	2.6	9,466	5.13	486	23	43		+16	+.02	+3	+3
01-27-58 506147 1799259 5-71					31		9,492	5.10	484							
580714 TRISTRAM NEVADA.....*	72-01	16	29	5-31,35,	143	2.2	11,164	5.07	566	11	64		+506	+.08	+33	+41
02-08-58 519828 1893788 1-71				72,73,88	24		10,543	4.96	523							
580730 DANOY RADAR.....*		4	22	3-16,21,	42	3.9	6,564	5.07	333	3	43		-323	+.01	-15	-21
06-01-57 557268 1611628 5-71				58	35		7,143	5.05	361							
580771 ROSSMERE DESIGN INTENSIFIER...*		4	25	1-92	45	2.0	7,911	5.37	425	4	38		-132	+.05	-2	-5
08-19-56 585679 2091783 5-71					14		8,196	5.28	433							
580775 VALIANT SURVILLE IKE.....*		5	3	4-35,42,	10	2.0	9,269	4.93	457	**	33		+189	-.10	0	+5
07-29-57 537087 1759267 5-71				43,48	13		8,674	5.34	463							
580776 VALIANT SURVILLE MIKE.....*	91-11	10	11	4-35,42,	38	2.1	9,201	4.98	458	19	49		+164	-.02	+6	+9
07-29-57 537087 1759267 5-71				43,74	11		8,867	5.02	445							
580787 SIBLEY ADVANCER BLONDE BART...*	72-01	16	4	2-65,72	47	2.6	8,004	4.56	365	**	67		+43	-.15	-11	-8
05-09-57 469101 1435827 5-71					28		7,839	4.80	376							
580788 SIBLEY ADVANCER BART LANCER...*		1	36	1-52	36	2.9	6,748	4.56	308	0	29		-252	-.06	-18	-21
01-07-58 469101 1957856 5-71					15		7,495	4.90	367							
580834 BRIGHAM SPARKLE SUPERB OLIN...*		12	10	5-12,13,	46	2.2	10,852	4.79	520	14	56		+513	-.18	+9	+21
03-05-58 566264 2016397 5-71				14,55,57	23		10,060	5.08	511							
580836 BRIGHAM CONFIDENT ORMAND.....*	23-09	116	10	12-23,31,	529	2.3	9,358	5.14	481	11	94		+193	+.08	+17	+19
03-22-58 470945 1502800 1-71				63,65,93	18		9,185	5.06	465							
580853 SUNBEAM STANDARD PRINCE.....*		14	52	6-12,55,	82	2.9	8,909	4.93	439	9	40		+52	-.06	-3	-1
11-10-57 556092 1895621 5-71				56,57,58	98		8,771	5.13	450							
580889 ROCKY MEADOW FASHION PRINCE...*		4	35	1-88	56	2.6	10,603	4.94	524	17	39		-94	-.01	-6	-7
03-23-58 571911 2003798 5-71					39		11,070	4.99	552							
580997 T.B. CHALLENGERS OLYMPIAN.....*		11	7	3-13,21,	26	2.8	9,119	5.46	498	13	48		-98	+.09	+3	0
02-02-58 472114 1950307 5-71				55	27		9,378	5.30	497							
581011 GIL-BAR BIJOUX RADAR REGAN....*		4	8	2-33,35	13	3.4	8,975	5.13	460	17	32		+93	.00	+5	+7
02-18-58 564644 1965388 5-71					5		8,665	5.15	446							
581018 MARLU JERSEY LEADER.....*		6	17	3-82,84,	44	1.8	7,733	5.06	391	**	45		-296	.00	-15	-20
11-20-57 567370 2108871 5-71				87	32		8,350	5.08	424							
581118 SYBIL GOLDEN HI-TIDE.....*		1	11	1-35	11	1.6	8,816	5.33	470	**	21		-182	+.01	-8	-11
12-05-54 493869 1647748 1-71					1		9,773	5.31	519							
581189 AZARIAH OULCINA DAN.....		1	14	1-13	14	5.0	11,711	5.03	589	8	27		+311	-.01	+15	+21
02-06-58 568506 1940447 5-71					47		10,762	5.07	546							
581199 BINDLES SYBIL SNOMAN.....*	72-01	172	9	19-21,31,	555	1.5	8,199	5.13	421	19	94		-605	+.12	-20	-32
11-29-57 521704 1553715 9-70				34,56,72	29		8,846	5.02	444							
581366 TEFFIAS PEER.....*		7	3	5-13,14,	11	2.9	8,194	5.54	454	11	38		-385	+.12	-9	-17
12-18-57 557268 2035404 5-71				16,21,61	20		9,260	5.23	484							
581394 PIXYS EAGLE.....*		10	26	6-12,35,	47	2.2	11,806	4.80	567	11	39		+473	-.17	+8	+19
03-29-58 571583 1430003 5-71				41,43,74	29		10,776	5.18	558							
581463 DREAMING NOBLE.....*		5	16	2-33,43	27	1.7	7,376	5.06	373	**	34		-150	+.02	-6	-9
09-10-54 525015 1477554 5-71					22		7,713	5.04	389							
581485 IMP. ITASKAS FILLPAIL RULER...*	21-10	96	4	22-13,14,	173	2.6	8,307	5.10	424	17	89		-532	-.04	-30	-39
02-17-55 010008621 010057693 5-71				16,21,31	19		8,910	5.16	460							
581550 TEFFIAS JESTER.....*		2	22	1-42	26	2.6	9,138	4.57	418	20	29		-48	-.01	-3	-4
07-26-57 525015 1980970 5-71					9		9,356	4.60	430							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK MILK	% %	FAT FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
581551 SUSANS RADAR.....		2	17	1-41	24	3.8	6,280	5.22	328	**	34	-175	+.03	-6	-10
09-25-55 557268 2046411 5-71					14		6,574	5.14	338						
581555 SKYLINE RADAR BETTYS BUD.....*		2	12	2-33,54	14	4.4	7,955	5.19	413	14	29	-114	+.07	0	-3
10-25-57 499207 1633051 5-71					15		8,300	4.98	413						
581607 ZEPHYRS SON OF CHAMPIONS.....*	91-13	85	7	11-81,87,	196	2.2	10,040	4.94	496	7	87	+318	-.16	+1	+9
06-11-58 550285 1907878 5-71				91,92,93	22		9,766	5.12	500						
581661 SIDJOYS HAPPY GINGER BEAU.....*		4	4	1-51	11	4.3	7,604	4.81	366	0	37	0	-.09	-8	-7
01-10-58 559354 1997079 5-71					12		7,469	5.17	386						
581685 JOLLYS FAVORITE DAN.....*		2	18	1-87	20	3.7	6,982	5.07	354	6	29	-294	+.04	-11	-17
10-18-56 524581 1824559 5-71					7		7,914	4.95	392						
581800 C S U JESTERS AMY SIR.....*		3	38	2-43,84	44	3.8	5,674	5.43	308	10	33	-431	+.09	-14	-23
10-29-57 556637 1848111 5-71					34		6,775	5.09	345						
581840 CHAMPIONS TRISTRAM CHALLENGER.	93-10	19	48	4-52,55,	162	2.1	10,206	4.82	492	14	56	+111	-.06	0	+3
05-05-58 519828 1657241 5-71				92,93	62		10,137	4.92	499						
581893 JURATS W.R. JESTER SIR.....*		3	5	2-31,35	12	1.7	9,736	4.89	476	**	31	+235	-.10	+3	+9
09-29-57 562531 1861297 5-71					4		8,983	5.23	470						
581938 MISTER JESTER BAS.....*		6	9	2-32,41	22	2.6	7,631	5.05	385	0	40	-668	+.04	-30	-42
08-12-57 549122 2062770 5-71					14		9,358	4.98	466						
581939 HALLS DESIGN STANDARD.....*		1	12	1-35	12	3.3	8,708	5.08	442	11	24	-8	-.01	-1	-1
08-01-57 571121 2193097 5-71					18		8,734	5.14	449						
581943 ORACONIS ADVANCE KING.....*		2	32	1-91	34	3.4	9,191	4.95	455	24	29	+103	-.06	0	+3
10-05-57 559758 1972716 5-71					19		8,834	5.18	458						
581946 MARLU MILESTONE FAVORITE.....*	21-10	27	19	7-12,13,	111	3.0	9,097	5.29	481	5	68	-121	+.15	+7	+3
03-18-58 563805 1726397 5-71				14,21,55	22		9,324	5.07	473						
582043 MILESTONE MASTERMAN PRINCE....*		1	28	1-74	28	1.3	5,571	5.01	279	24	23	-234	+.04	-8	-13
06-24-58 574434 2136070 5-71					69		6,330	4.83	306						
582129 OUKE SPARKLE SUPREME.....*		3	29	1-22	35	2.7	8,573	5.19	445	6	32	-296	+.04	-11	-17
02-13-58 506147 1696637 5-71					17		9,582	5.07	486						
582138 PATHFINDERS FLAMETHROWER.....*		2	30	1-42	32	2.8	9,365	4.89	458	21	29	-9	-.04	-4	-4
06-21-58 557868 2073833 5-71					5		9,459	5.05	478						
582140 CHAMPIONS INFERNO.....*		7	72	3-31,41,	85	2.7	10,816	4.99	540	14	34	+329	-.06	+11	+18
07-26-58 519828 1619010 5-71				88	20		9,947	5.18	515						
582160 BRIGHAM CONFIDENT OLVAN.....*		3	6	1-13	13	2.4	8,784	5.50	483	9	33	-219	+.13	0	-6
06-14-58 470945 1987391 5-71					26		9,510	5.17	492						
582182 FOX VALLEY REX.....*		4	12	1-13	19	3.0	8,996	5.68	511	0	34	-330	+.18	-1	-9
02-18-58 484843 1799146 5-71					14		10,102	5.19	524						
582190 ETTA JESTER STAR.....*	33-03	68	4	27-11,21,	128	2.0	8,074	5.10	412	10	84	-426	+.07	-15	-24
03-22-58 565141 1766360 5-71				31,58,93	19		8,550	5.02	429						
582205 C.B. DOUBLE STANDARD VIC.....		1	46	1-93	46	3.0	9,217	4.68	431	8	30	+52	-.06	-3	-1
02-18-58 563520 2137060 5-71					23		9,064	4.89	443						
582248 MILADYS ELLADON SUPREME.....*		1	10	1-91	10	2.8	12,050	4.62	557	**	22	+389	-.15	+6	+15
11-30-57 556095 1945284 5-71					37		10,460	5.14	538						
582283 DANDY COMMANDO OZARK BELLE....*		3	28	1-73	37	3.0	7,517	5.68	427	21	34	-77	+.08	+3	0
02-17-58 568339 1690416 5-71					34		7,624	5.43	414						
582286 STELLAS ADVANCER VOLUNTEER BAR*		1	24	1-43	24	3.6	9,174	5.03	461	0	28	+150	-.01	+7	+10
03-27-58 469101 1973875 5-71					12		8,623	5.03	434						
582344 BRAMPTON TESSIE EUREKA.....*		7	12	3-57,63,	26	2.8	7,197	4.95	356	**	41	-241	+.02	-10	-15
09-22-57 591757 2208082 5-71				64	69		7,674	4.90	376						
582427 ZINNIAS KING ONYX.....*		2	8	1-65	13	4.6	7,844	4.51	354	0	33	+239	-.12	+1	+7
12-16-56 484776 1990107 5-71					11		6,916	4.93	341						
582456 BROWNLANE DREAMERS MARKSMAN...*		3	17	1-93	22	2.4	9,086	4.95	450	**	31	-145	+.03	-5	-8
10-15-57 010124304 010227573 5-71					26		9,633	4.89	471						
582494 VICKIE BASIL ROYAL PINN.....*		1	10	1-63	10	2.9	8,405	4.79	403	**	22	-32	-.02	-3	-3
04-18-58 514630 1709744 5-71					32		8,519	4.92	419						
582498 CLOVERFIELDS STAR LUCKY.....*		4	4	3-81,91,	12	2.1	9,950	5.11	508	**	36	+207	-.04	+7	+11
10-22-55 466643 1721640 5-71				92	15		9,428	5.22	492						
582529 ADVANCER BASIL SPARKLE.....*		2	5	1-31	10	2.2	7,709	5.40	416	22	29	-174	+.10	0	-5
12-11-56 499207 1786327 5-71					17		8,256	5.05	417						
582555 SUNBEAM AMBASSADOR COMMANDO...*		4	16	2-55,57	21	3.3	8,343	5.39	450	25	31	-53	+.08	+4	+2
07-31-58 575184 1941702 5-71					108		8,476	5.14	436						
582593 FASHION PRINCE OF CLEAR SPRING*		2	10	1-23	20	3.3	10,441	4.91	513	17	38	+81	-.03	+1	+3
01-02-58 571911 2025645 5-71					27		10,381	4.99	518						
582631 CHARMING SABU PRINCE.....*		2	10	2-92,93	17	1.8	7,863	5.35	421	55	31	-309	+.09	-8	-15
03-28-58 548661 1935525 5-71					54		8,879	5.10	453						
582669 BLONDE CORDELIAS BETTY JESTER.*		8	3	1-93	16	2.1	9,397	4.76	447	**	44	-447	-.03	-25	-32
07-26-58 532774 1434145 5-71					27		10,582	4.85	513						
582692 CORALADS PRINCE VALIANT.....*		2	7	1-92	12	2.2	9,402	5.66	532	0	30	+80	+.08	+11	+11
11-04-55 540908 1811935 5-71					13		9,162	5.46	500						
582722 BLUE SPRINGS ROYAL DESIGNER...*		1	28	1-74	28	2.9	9,814	4.25	417	0	29	+246	-.12	+1	+7
05-30-58 571911 2152944 5-71					22		8,972	4.59	412						
582776 SEGAWS MARLU BLONDE PRINCE.....*		1	25	1-71	25	2.2	8,168	4.46	364	5	26	-80	.00	-4	-5
06-06-58 571911 2152269 5-71					8		8,436	4.47	377						
582879 BELLAVISTA GEM.....*		9	6	2-91,92	24	3.3	9,094	5.32	484	0	50	-169	+.09	-1	-5
12-06-51 464937 1592208 5-71					17		9,501	5.20	494						
582950 JESTER JOLLY BASIL.....*		1	15	1-35	15	3.7	9,107	5.02	457	7	26	-116	-.01	-7	-9
07-01-58 523387 1821584 5-71					7		9,632	5.11	492						
582958 OXFORD SPORTING PINN.....*		7	14	2-31,34	32	3.0	7,144	5.43	388	4	43	-267	+.07	-7	-13
02-20-57 507867 1368528 5-71					15		7,651	5.28	404						
582962 OLINBAR BEA OAR FLIRTATION....*		1	16	1-31	16	2.4	8,751	4.94	432	27	24	-104	-.04	-9	-10
08-29-58 577598 2069750 5-71					3		9,220	5.17	477						
582969 FILLPAIL MOROCCO DUKE.....*		3	15	3-56,61,	19	3.2	8,065	4.98	402	23	31	+7	-.04	-3	-2
02-06-58 559697 1817543 5-71				63	38		7,953	5.18	412						
582989 DREAMING MOOR VOL. ROYAL.....		2	12	1-93	23	2.3	10,725	5.13	550	**	36	+66	-.08	-4	-2
05-15-57 476124 1356650 5-71					50		10,731	5.39	578						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% FAT INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
583007 BRAMPTON ACME DESIGNER.....*	16-04	45	2	4-13,14,	65	2.5	8,478	4.98	422	29	78	-408	-.17	-35	-40
01-01-58 010121022 2242366 5-71				16,21	12		9,016	5.21	470						
583018 BRIGHAM SPARKLE SUPER OGDEN..*		1	52	1-14	52	2.8	7,984	5.60	447	11	29	-138	+.07	-1	-4
09-17-58 566264 1594633 5-71					20		8,415	5.40	454						
583031 RADAR BEACON ADVANCER.....*		1	25	1-33	25	3.2	7,913	5.81	460	17	28	-278	+.05	-10	-16
08-13-58 518988 2081626 5-71					10		8,921	5.65	504						
583040 FAIRVIEW WELCOME BLISS.....*		4	14	1-54	19	3.3	8,159	5.15	420	13	32	-154	+.07	-2	-6
04-15-56 506294 1749845 5-71					14		8,620	4.97	428						
583043 CORALADS CHALLENGER SIR.....*		3	13	2-31,65	28	3.9	10,207	4.94	504	D	43	-62	-.04	-7	-7
08-04-56 540908 1676569 5-71					25		10,523	5.05	531						
583063 GREENSLOPES WELCOME ACE.....*		4	17	2-13,55	27	3.3	8,221	5.15	423	17	37	-127	+.02	-5	-7
03-28-58 576102 1655453 5-71					18		8,540	5.13	438						
583086 MARLU NOBLE MILKMAN.....*		1	42	1-43	42	3.9	10,052	5.16	519	5	30	+304	+.01	+16	+21
04-07-58 550331 2092113 5-71					35		9,070	5.17	469						
583109 CLEARBROOK NITAS CARL.....*		3	6	2-13,55	14	3.2	10,344	5.26	544	10	37	+190	+.12	+20	+22
11-03-57 521175 2175873 5-71					20		9,933	4.99	496						
583123 LILAC LAOS VICTORY LAD.....*		3	11	3-21,23,	20	1.9	8,709	4.90	427	0	33	+102	-.05	+1	+3
04-15-57 561699 2056720 5-71				56	52		8,349	5.04	421						
583144 CLEOS RUBY REMUS.....		3	6	1-93	14	2.4	11,890	5.42	644	**	36	+140	-.01	+6	+9
02-25-58 514702 2117864 5-71					35		11,790	5.49	647						
583147 WONDERFUL COMBINATION BASIL..*		3	27	1-63	36	3.8	7,965	4.62	368	6	36	-10	-.11	-10	-9
03-22-58 573454 2010065 5-71					24		7,901	4.99	394						
583149 ETTAS COMBINATION.....*		7	4	4-31,34,	19	3.7	8,109	5.39	437	0	49	-173	+.05	-4	-8
02-24-58 573454 1631376 5-71				57,74	24		8,419	5.32	448						
583175 JULIETS ADVANCER.....*		4	12	1-88	28	2.7	11,556	4.89	565	8	43	+380	.00	+19	+26
06-11-58 569344 2048410 1-71					37		10,864	4.88	530						
583246 ADVANCER RECORDS PRINCE.....*		3	21	1-65	43	2.8	6,680	4.64	310	24	43	-424	-.06	-26	-33
02-07-58 466296 2179563 5-71					17		7,542	4.85	366						
583290 MAJOR PET OF FAULTLESS.....*		4	12	1-74	27	1.6	9,252	4.49	415	**	38	-38	-.06	-7	-7
11-16-57 571041 2154534 5-71					34		9,412	4.61	434						
583297 EDGELEA DREAMER SIGNET.....		3	10	2-23,55	14	2.1	8,387	5.12	429	0	28	-126	-.02	-8	-10
02-22-57 583022 010181695 5-71					15		8,848	5.22	462						
583333 MARLU MILESTONE RANGER.....*	23-13	34	7	7-51,52,	123	2.0	9,595	4.86	466	13	80	+542	-.17	+11	+23
10-31-57 563805 2092099 5-71				54,57,65	16		8,927	5.07	453						
583345 SPARKLE JEST.....*		15	8	11-21,22,	37	2.3	8,366	5.33	446	7	54	-543	+.15	-15	-27
12-25-57 506147 1994290 5-71				31,54,56	23		9,433	5.08	479						
583374 FILLPAIL HIGHFIELD BLONDE.....*	91-13	6	20	2-92,93	36	3.0	9,882	5.30	524	4	41	-79	+.03	-1	-3
04-28-58 496151 1766978 5-71					17		10,217	5.28	539						
583396 MARLU MILESTONE MUSKETEER.....*	63-02	65	10	11-52,55,	224	2.2	8,696	4.67	406	11	86	+110	-.22	-14	-9
05-25-58 563805 1858255 5-71				57,61,63	15		8,537	4.93	421						
583397 MARLU MODEL MILESTONE.....*		6	24	3-82,87,	59	1.7	7,874	5.13	404	**	44	-40	+.05	+2	+1
06-16-58 563805 1858262 5-71				93	34		7,869	5.02	395						
583400 MARLU BLONDE MILESTONE.....*		3	7	2-15,58	19	2.7	10,133	4.75	481	0	41	+374	-.07	+12	+20
07-30-58 563805 2092116 5-71					35		9,261	4.90	454						
583444 VICTORY SABLE PRINCE.....*		2	28	1-82	30	2.8	8,166	4.97	406	30	29	-180	.00	-9	-12
07-08-57 567870 2057350 5-71					6		8,780	5.01	440						
583448 JESTER ETTA VALIANT.....*		5	23	1-33	30	3.3	7,744	4.60	356	16	34	+62	-.11	-7	-4
04-14-57 555198 2181811 5-71					20		7,419	5.00	371						
583481 REALLY ROYAL.....*		9	21	5-12,14,	45	2.2	10,671	5.29	565	3	42	+78	+.16	+18	+17
11-24-58 572789 2134127 5-71				21,52,55	24		10,667	4.98	531						
583519 STARDUST BROWNYS CERES PRIDE..*		1	84	1-93	84	1.9	9,655	4.93	476	**	28	+76	-.04	0	+2
07-06-58 557569 1898751 5-71					39		9,445	5.07	479						
583520 STARDUST CERES DESIGNER.....		2	61	1-93	72	3.4	9,398	5.47	514	**	35	+183	+.02	+11	+14
07-15-58 557569 1608902 5-71					27		8,877	5.47	486						
583521 ARCADIA SIEGFRIED TITAN GEORGI*		5	16	2-13,14	23	2.7	11,441	4.89	559	5	33	+493	-.12	+13	+24
01-01-58 563945 1711670 5-71					16		10,069	5.24	528						
583522 SYLVAN ABLE.....*		1	13	1-91	13	1.7	11,423	4.52	516	**	22	+262	-.11	+3	+9
08-29-58 544287 1709268 5-71					62		10,407	4.90	510						
583558 DREAMERS DIANA DESIGN.....*		4	7	2-92,93	16	2.9	8,683	5.10	443	8	39	-24	+.02	+1	0
06-01-58 576161 2168621 5-71					41		8,736	5.04	440						
583593 GOLDEN ETTA FONTAINE.....*		2	21	1-54	23	3.7	7,788	5.29	412	6	30	-210	+.10	-2	-7
10-02-58 565141 1799701 5-71					17		8,442	4.99	421						
583594 GOLDEN ETTA SURVILLE.....*		9	6	5-21,23,	22	2.8	9,263	4.97	460	**	48	-144	-.06	-12	-14
10-12-58 565141 2021988 5-71				31,55,58	26		9,647	5.11	493						
583595 GOLDEN STAR COMMANDO.....*		4	8	2-31,58	32	1.9	7,811	5.10	398	12	49	-244	+.01	-11	-15
10-25-58 556092 2107000 5-71					32		8,257	5.10	421						
583596 OAK LASS COMMANDO.....*		2	12	2-31,32	14	2.7	7,275	5.20	378	27	26	-320	+.02	-14	-20
10-30-58 556092 2101020 5-71					13		8,481	5.12	434						
583598 HUTCHINSON FARM TED.....		3	9	1-13	12	1.6	8,048	5.49	442	**	25	-59	+.03	0	-2
09-15-58 530116 2129646 5-71					17		8,228	5.44	448						
583644 SABLES RADIANT COMMANDO.....*		5	8	3-31,32,	33	2.6	9,039	5.44	492	7	51	+161	+.20	+26	+26
06-26-57 556063 1932107 5-71				43	7		8,711	5.05	440						
583696 BASIL REGAL RAJAH.....*		3	15	1-63	22	1.4	6,921	4.78	331	33	28	-144	+.01	-6	-9
09-18-58 528332 2013853 5-71					9		7,283	4.78	348						
583717 BOUQUETS SARACEN.....*		5	20	4-11,13,	29	1.7	7,591	4.82	366	25	32	-369	-.02	-20	-26
04-18-58 569969 1855112 5-71				15,32	29		8,747	4.94	432						
583760 PIXYS TRISTRAM XAVIER.....*		2	15	1-35	17	2.1	9,147	5.07	464	**	26	+141	.00	+7	+9
07-07-58 530104 2033732 5-71					16		8,582	5.09	437						
583768 ZINNIAS ADVANCER CORALAD.....*		4	13	2-35,41	18	3.5	9,854	5.26	518	6	33	+105	+.02	+7	+9
08-20-58 540908 1693777 5-71					15		9,609	5.21	501						
583781 HEADSPRING COMMANDO RECORD....*		4	50	2-56,74	56	3.4	9,348	5.21	487	6	33	+127	.00	+6	+8
01-30-58 567445 2050920 5-71					44		8,973	5.24	470						
583786 MARSHALL COMMANO.....*	23-07	16	9	3-22,23,	68	2.8	8,597	5.19	446	13	68	-269	+.01	-13	-18
07-20-58 533617 1726367 5-71				51	14		9,012	5.22	470						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
583808 JESTER MASTER FARMER.....*		7	2	2-61,74	14	1.9	7,508	5.35	402	30	41	-430	+.12	-11	-20
09-11-58 534585 1861567 5-71					19		8,516	5.04	429						
583812 WINSOME ILLUSTRATION.....*		6	6	3-23,51,	21	2.7	6,793	5.80	394	13	43	-415	+.16	-7	-17
12-03-56 544382 1821112 5-71				55	17		7,628	5.35	408						
583820 NATALIES LOUIE.....*		2	21	1-63	23	2.2	5,923	5.44	322	**	27	-351	+.08	-11	-18
01-16-58 554292 1834056 5-71					10		7,025	5.10	358						
583821 SNOWFLAKE PRINCE LAD.....*		1	13	1-54	13	3.8	9,906	4.83	478	23	25	+77	-.04	0	+2
01-24-58 571911 1765002 5-71					14		9,683	5.03	487						
583828 TEFFIAS GOLDEN STAR.....*		10	4	3-31,33,	19	2.2	7,338	5.30	389	33	47	-449	+.09	-15	-24
09-21-58 565141 1665282 5-71				35	18		8,240	5.11	421						
583831 PIXYS PRINCE ASHLEY.....*		1	67	1-42	67	2.1	7,259	5.01	364	11	29	+5	+.01	+1	+1
12-17-58 532573 2073090 9-70					38		7,062	5.00	353						
583847 LYNMOORES SPARKLING PRINCE....*		1	19	1-23	19	3.4	9,742	5.38	524	17	27	+57	+.05	+7	+7
12-13-58 571911 2070348 5-71					14		9,603	5.24	503						
583851 OANOY CHIEF OESIGN OF ROBIN RE*		1	14	1-65	14	2.5	5,970	4.59	274	**	23	-318	+.03	-13	-19
01-08-58 570876 2072724 5-71					16		7,185	4.50	323						
583852 COMMANOO JESTER OF ROBINS REST*		2	14	1-65	16	2.9	6,981	4.87	340	**	28	-172	+.01	-8	-11
02-21-58 567972 1832584 5-71					13		7,464	4.88	364						
583873 CHAMPIONS SOUVENIR.....		2	24	1-93	26	2.1	6,954	5.22	363	17	27	-362	+.06	-13	-20
10-21-58 519828 1797342 5-71					45		8,243	4.97	410						
583874 CHAMPIONS EUREKA.....*		2	10	2-23,56	16	4.3	10,344	4.80	496	0	35	+536	-.03	+24	+34
10-21-58 519828 1651668 5-71					70		8,799	4.84	426						
583882 WONDERFUL PRIMROSE COMBINATION*		1	33	1-31	33	3.4	8,506	5.10	434	17	29	-77	+.01	-3	-4
09-24-58 573454 1757025 5-71					21		8,765	5.11	448						
583900 ITASKAS OESIGN KEEPER.....*		3	32	1-42	36	2.4	7,626	5.07	387	4	30	-110	-.03	-8	-9
09-25-58 561657 1810170 5-71					7		7,903	5.23	413						
583902 ZINNIAS ROSEBAY AOVANCER.....*		2	22	1-31	24	3.3	8,148	4.73	385	25	29	+72	-.09	-4	-1
11-09-58 491174 1975476 5-71					9		7,790	5.11	398						
583911 PIXYS TRISTRAM CAVALIER.....*		4	6	2-35,42	11	3.0	7,556	5.00	378	0	31	-310	-.01	-16	-21
12-29-58 530104 2178933 5-71					7		8,514	5.05	430						
583915 CHAMPIONS OANDY FABLE.....*		7	3	5-82,85,	13	2.9	10,514	4.76	500	0	41	+514	-.08	+18	+28
12-03-58 519828 2074985 5-71				86,87,93	34		9,301	4.92	458						
583916 CHAMPIONS PATHFINOER PRINCE...*		3	11	1-92	15	2.6	8,291	5.39	447	**	29	-33	+.01	-1	-2
12-09-58 519828 2191341 5-71					18		8,358	5.43	454						
583958 NOBLEMANS LOTUS DESIGNER.....*	21-10	94	3	9-12,13,	171	1.5	10,787	5.03	543	12	88	+861	-.06	+37	+53
11-16-58 552844 1946996 5-71				14,16,21	22		9,913	5.11	507						
583969 NOBLE OESIGN VICTOR.....*		2	18	1-41	33	2.7	8,952	4.94	442	3	40	+228	-.13	0	+6
11-02-58 544523 1427402 5-71					13		8,323	5.31	442						
583976 OAK KNOLL RIGHT BASIL.....	42-02	16	7	5-35,41,	34	3.0	9,764	4.82	471	10	56	+470	-.15	+10	+20
10-26-57 561495 1553825 5-71				42,58,92	19		8,934	5.08	454						
583981 SPARKLING LORD NELSON.....*		6	12	3-13,14,	31	4.0	8,934	5.07	453	3	48	-277	-.14	-26	-29
09-03-58 539725 2079175 5-71				21	38		9,591	5.38	516						
584026 BRAMPTON MINTER ACME.....*		3	7	2-65,72	14	2.1	6,881	4.84	333	**	32	+32	.00	+2	+2
10-19-57 010121022 010282427 5-71					14		6,552	4.79	314						
584059 BROWNY WARO OESIGN.....*		5	10	3-56,63,	21	2.5	7,093	4.64	329	31	37	-359	-.05	-22	-28
07-04-58 551270 1862386 5-71				64	14		7,982	4.82	385						
584066 HOLLYBROOK FARMERS JAMBOREE...*		5	6	2-41,42	24	2.0	8,398	5.28	443	33	44	-14	+.11	+9	+7
07-08-58 530454 2055416 5-71					10		8,385	5.02	421						
584067 BRIGHT AOVANCER SOUVENIR.....*		5	3	1-31	12	3.8	9,054	4.98	451	0	39	+92	-.09	-3	0
06-02-58 491174 2217574 5-71					14		8,814	5.26	464						
584073 FAVORITE EAGLE TRISTRAM.....*		2	14	1-93	25	2.6	11,129	4.95	551	**	37	+474	-.11	+13	+23
03-28-58 560558 1838255 5-71					18		9,947	5.28	525						
584110 OAK MEAOOW ELBERT.....*		6	23	1-92	51	3.1	9,733	5.46	531	3	47	-71	+.13	+8	+5
01-07-58 572468 2094184 5-71					20		10,001	5.22	522						
584155 ORACONIS ROYAL VICTORY LAD....		1	13	1-74	13	2.2	9,020	4.56	411	**	24	+128	-.04	+3	+6
08-17-58 473215 2056664 5-71					21		8,437	4.63	391						
584184 OON HEAO VICTORIOUS RECOROS...*		4	40	1-63	63	2.9	7,732	4.79	370	11	39	-411	-.03	-23	-30
04-21-58 010126676 1638980 5-71					48		8,771	4.89	429						
584204 BRAMPTON PLEASANT RAOAR.....*		4	3	2-22,56	11	3.0	9,361	5.25	491	0	37	-310	+.12	-5	-12
01-17-59 518988 1849467 5-71					22		10,355	4.97	515						
584251 BEACON BAS LANCER.....*		11	19	5-43,52,	59	2.0	7,610	4.88	371	12	50	-281	.00	-14	-19
07-27-58 559928 1966693 5-71				58,61,63	19		8,095	4.90	397						
584259 CHAMPIONS TRISTRAM TRIUMPH....*		26	66	11-21,22,	163	1.5	9,397	5.15	484	28	47	-6	+.06	+5	+4
08-17-58 519828 1912145 5-71				23,55,56	124		9,475	5.03	477						
584285 ANSOM VISITOR.....*		21	3	17-22,23,	32	3.7	9,089	5.36	487	**	65	-237	+.14	0	-6
11-06-57 010008847 010060687 5-71				51,55,65	31		9,523	5.18	493						
584308 MAOALENES ALL AMERICAN RAOAR..*		4	11	1-42	16	2.5	7,447	5.85	436	33	30	-157	+.10	+1	-3
01-13-59 499207 1995650 5-71					26		7,876	5.49	432						
584310 SPARKLING JESTER COURAGEOUS...*		4	5	1-12	14	2.4	8,852	5.40	478	10	38	-379	+.09	-11	-19
08-11-58 546447 1807663 5-71					24		9,974	5.18	517						
584321 BRIGHAM MAIDEN LAD ORVILLE....	93-16	16	168	7-13,22,	313	2.7	10,623	4.97	528	11	46	+314	-.05	+11	+17
10-06-58 480642 1447846 5-71				34,56,93	203		10,054	5.08	511						
584322 BRIGHAM ZINNIAS AOVANCER PILOT*		3	23	1-13	50	3.2	9,719	5.42	527	11	46	-39	+.04	+2	+1
11-08-58 544480 2071306 5-71					34		9,912	5.36	531						
584323 BRIGHAM AOVANCER PAGE.....*		1	31	1-14	31	2.8	7,938	5.56	441	5	29	-123	+.04	-3	-6
01-19-59 544480 2071310 5-71					21		8,319	5.47	455						
584362 BEACON BAS FLORIST.....*		11	5	6-31,55,	23	3.0	7,444	5.01	373	0	51	-329	+.05	-12	-18
03-24-58 559928 1984959 5-71				57,61,63	31		8,003	4.92	394						
584363 BEACON BAS MF PRIDE.....*		4	3	2-61,63	10	3.4	8,721	4.82	420	17	35	+87	-.02	+3	+5
09-20-58 559928 1872572 5-71					35		8,429	4.84	408						
584380 OESIGN BASIL WORTH BELMONT....*		2	30	1-65	43	1.8	7,872	4.70	370	22	33	-93	.00	-5	-7
08-11-58 561512 1383881 5-71					69		8,078	4.74	383						
584443 MARLU AOVANCE MILESTONE.....*	35-05	38	7	4-33,35,	120	2.4	8,357	5.31	444	15	81	-496	+.17	-11	-22
09-08-58 563805 1743569 5-71				41,42	12		8,984	5.13	461						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% FAT	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
584448 JESTER AIM MACK.....*		2	8	1-74	12	3.3	8,360	5.04	421	10	30	+51	-.01	+2	+3
11-17-58 557315 1419391 5-71					13		8,117	5.06	411						
584452 MILKMAN KING PINN.....*		2	15	1-63	17	2.7	7,146	4.97	355	18	27	-270	+.01	-13	-18
03-01-58 565313 2143617 5-71					19		8,090	4.97	402						
584515 DESIGN FAVORITE 8ETS STANDARD.*		4	15	2-55,56	20	3.5	10,114	4.81	486	0	33	-93	-.02	-6	-7
11-25-57 510322 1472196 5-71					56		10,571	4.86	514						
584520 TENN CONFIDENT C H H LAD.....*	63-01	6	9	2-63,65	23	2.0	10,318	5.01	517	17	40	-232	+.09	-4	-9
12-22-58 549809 2067702 5-71					35		11,130	4.84	539						
584523 AOVANCER LADYS PIONEER.....*		3	18	2-86,92	22	2.9	10,384	5.32	552	6	30	+72	+.07	+10	+10
01-29-59 496820 1843710 5-71					32		10,288	5.12	527						
584525 8IJRAO 8AS DIPLOMAT.....		1	31	1-57	31	3.3	9,283	4.88	453	7	29	-299	+.01	-14	-19
10-15-58 010124107 2250364 5-71					17		10,465	4.86	509						
584532 ZINNIAS DESERT MILESTONE.....*		7	24	1-88	90	3.0	11,288	4.99	563	7	60	+450	-.06	+17	+26
08-29-58 563805 1983664 9-70					30		10,719	5.08	544						
584551 FAIR-WEATHER DON.....*		1	29	1-21	29	1.7	7,936	4.61	366	**	26	-154	.00	-8	-11
09-13-58 553901 1892693 5-71					17		8,502	4.65	395						
584557 SUNSET FRANCES TOP NOTCH.....		1	10	1-57	10	1.9	8,447	4.98	421	67	21	-88	+.02	-3	-5
03-12-58 542027 2250141 5-71					38		8,877	4.98	442						
584561 MARLU COMMANDO MILESTONE.....*		11	8	9-21,22,	27	1.2	9,209	5.14	473	**	41	+17	+.06	+6	+5
08-28-58 563805 1748310 5-71				31,32,51	20		9,204	5.00	460						
584575 8LONDE STANROY SULTAN.....*		6	3	2-31,55	10	1.7	8,078	5.25	424	0	31	+33	+.03	+4	+4
10-31-58 560116 1924399 5-71					14		7,874	5.17	407						
584603 ZEPHYRS MR. SUCCESS.....*		4	14	3-35,41,	19	1.9	10,000	5.16	516	0	29	+178	-.07	+3	+7
09-20-58 550285 1783807 5-71				92	20		9,441	5.43	513						
584605 SA8LE VICTORY ROYAL KING.....*		2	17	1-73	19	3.0	9,008	4.98	449	21	28	-68	+.03	-1	-3
11-21-58 563823 2010632 5-71					30		9,301	4.93	459						
584634 MARTINAS GIVIA PIONEER.....*		7	4	3-31,32,	16	1.3	7,118	4.89	348	38	38	-201	+.01	-9	-13
12-17-58 570695 2123204 5-71				65	12		7,510	4.87	366						
584664 ATOMIC LIBERATOR.....*	91-13	143	8	16-41,43,	447	1.8	10,056	5.14	517	12	93	+328	+.02	+18	+23
10-13-58 564125 2014945 1-71				87,91,92	22		9,797	5.14	504						
584682 ITASKA PRIDE KING.....*	33-03	29	12	16-13,21,	79	2.1	9,193	5.18	476	22	65	-543	+.10	-19	-30
08-18-58 563772 1974105 5-71				34,91,93	25		10,157	5.05	513						
584706 MARLU MILESTONE TITAN.....*		5	30	3-56,57,	52	2.9	9,307	5.11	476	2	40	+5	.00	0	0
12-08-58 563805 1631363 5-71				58	56		9,345	5.15	481						
584726 8EACONS SPARKLE SPARKLER.....*		2	8	1-48	11	3.8	9,530	5.06	482	9	29	+101	-.01	+4	+6
03-22-58 564156 2085447 5-71					20		9,215	5.10	470						
584752 PECAN GROVE SURVILLE DESIGNER.*		3	8	1-72	14	3.0	8,458	4.55	385	**	33	+70	-.04	0	+2
07-03-57 530848 1663094 5-71					33		8,180	4.67	382						
584780 ETTA GEM STAR.....*		25	2	12-16,21,	35	2.4	7,657	5.38	412	9	67	-529	+.17	-12	-24
01-03-59 565141 2089716 5-71				31,33,41	13		8,405	5.13	431						
584784 PINN OXFORD ACME.....*		2	14	1-42	16	3.1	7,745	5.37	416	**	29	+124	+.01	+7	+9
02-08-58 569636 2176952 5-71					9		7,139	5.38	384						
584785 FAVORITE AIM 8ASIL JESTER.....*		1	22	1-48	22	2.3	8,771	5.19	455	24	26	-16	.00	-1	-1
09-14-58 574796 2069793 5-71					22		8,836	5.29	467						
584787 WELCOME MAJOR ARCHER.....*		3	6	1-33	11	3.0	9,468	5.32	504	10	31	+38	+.06	+7	+7
04-03-58 502326 1848248 5-71					6		9,401	5.15	484						
584798 WONDERFUL TRISTRAM STAN.....*		2	6	1-34	11	2.6	8,061	5.48	442	36	31	-399	+.12	-10	-19
10-13-58 466643 2121054 5-71					17		9,417	5.12	482						
584799 GOLDEN ETTA COMMANDO.....*	33-03	95	7	34-13,32,	201	1.2	8,340	5.00	417	19	85	-318	-.07	-22	-27
03-21-59 556092 1578755 1-71				73,74,87	33		8,701	5.10	444						
584835 COMMANDO ROYAL PRINCE AIM.....		3	17	2-48,74	29	1.9	7,141	5.38	384	13	35	-268	+.05	-9	-14
08-01-58 533644 1683248 5-71					7		7,813	5.23	409						
584861 CAMBRIDGE RADAR OCTAVUS.....*		1	21	1-12	21	2.7	7,741	5.04	390	14	27	-172	+.01	-8	-11
12-04-58 557268 1691377 5-71					27		8,336	5.04	420						
584883 REX DRUCE SY8IL OF B.H.....*		2	20	1-52	27	2.8	8,946	5.20	465	18	33	+45	+.05	+7	+7
09-20-58 542984 2154365 5-71					5		8,803	5.03	443						
584885 SAN XAVIER BRAMPTON 8EACON LEO*		1	11	1-84	11	2.6	8,325	5.09	424	22	22	-126	-.01	-7	-9
03-08-59 570133 2089661 5-71					54		8,897	5.20	463						
584891 MONTYS ARROW AOVANCER SIGNAL..*		3	9	2-13,21	13	3.9	9,651	5.34	515	38	29	-30	+.02	0	-1
09-22-58 539965 1939970 5-71					46		9,858	5.31	523						
584908 STAROUST CERES PRIDE.....	93-05	8	8	3-91,92,	32	1.3	11,093	5.07	562	20	47	+316	+.12	+27	+31
11-02-58 557569 1898748 5-71				93	18		10,590	4.83	511						
584910 WILLOW JESTER 8EAU SABER.....*		2	7	1-56	13	2.9	7,932	4.78	379	**	31	+8	-.05	-4	-3
09-19-58 542961 1611212 5-71					16		7,801	4.97	388						
584932 PRINCE TRIPLE IVY SIR.....*		6	23	2-65,72	40	2.3	7,571	4.86	368	29	37	-227	-.01	-12	-16
08-12-58 567846 1791098 5-71					32		8,109	4.91	398						
584959 8ILLYCREEK SULTAN PILOT.....*		1	18	1-57	18	2.8	7,155	5.37	384	17	26	-271	+.04	-10	-15
09-21-58 508078 2034444 5-71					18		8,137	5.21	424						
584963 VALIANT PLUME JESTER.....*		6	16	6-13,23,	25	3.0	7,066	5.11	361	10	35	-272	+.01	-13	-18
08-02-58 495473 1627333 5-71				31,33,41	11		7,728	5.14	397						
584970 CHAMPIONS TRISTRAM 8LAZON.....*		3	45	2-91,92	54	2.9	10,563	5.06	534	9	33	+60	-.01	+2	+3
03-02-59 519828 1985826 5-71					18		10,553	5.11	539						
585023 AOVANCER MODEL SPARKLER OF OZ.*		2	7	1-48	10	3.4	8,904	5.01	446	14	28	-146	-.03	-10	-12
08-05-58 469101 1528039 5-71					28		9,485	5.18	491						
585026 TEFFIAS GOLDEN.....*		5	5	4-31,32,	14	2.3	8,602	5.32	458	30	37	-125	+.06	-1	-4
09-10-58 565141 1585455 5-71				34,35	14		8,949	5.21	466						
585056 POWER O J O SY8IL MAN.....*		4	4	3-23,31,	10	3.0	8,672	4.95	429	11	32	-79	+.01	-3	-5
08-08-58 570509 2108347 5-71				58	38		8,927	4.94	441						
585078 SY8IL GOLDEN EMINENT.....*		1	15	1-34	15	4.9	7,538	4.97	375	14	27	+52	-.06	-3	-1
12-25-58 508399 2062824 5-71					17		7,180	5.35	384						
585092 SY8IL WELCOME LUCKY.....		1	10	1-21	10	2.2	9,556	4.85	463	**	22	+109	-.03	+3	+5
04-30-58 498531 1870086 5-71					20		9,091	4.93	448						
585108 8LYTHEOALE RADAR MASCOT.....*		2	13	2-13,21	18	2.1	9,186	5.41	497	33	29	+81	+.04	+8	+9
01-30-59 518988 2145075 5-71					37		8,915	5.29	472						

REGISTRATION NUMBER NAME OF BULL	STUO CODE	NUMBER OF HEROS	EFF OAU /HO	STATES NO- WITH MOST OAUS	... OAUGHTERS ANO HERDMATES ... OAUS HM/OAU	REC/OAU HEROMATE	MILK MILK	% %	FAT FAT	1ST INC	REPT %	PREOICTEO DIFFERENCES MILK	%	FAT	$$
585163 ETTA GOLOEN COMMANOO.....*		2	11	1-42	13	3.5	7,079	4.99	353	0	28	-131	+.01	-6	-8
03-28-59 565141 2122941 5-71					4		7,411	5.03	373						
585219 TRISTRAM OESIGN LORO.....*		3	7	2-56,63	10	4.3	8,797	4.84	426	**	30	+22	-.01	0	+1
09-15-58 472114 1798910 5-71					18		8,709	4.88	425						
585250 WILABEAU JUOO SPOTTYS OUKE....*		1	11	1-91	11	2.3	8,377	5.18	434	30	22	-341	+.02	-15	-21
06-19-58 537552 1778644 1-71					13		10,076	5.11	515						
585285 EARTHAS AOVANCER OF TWIN 8AMS.*		6	5	1-92	12	2.4	8,884	5.38	478	22	35	-342	+.08	-10	-17
01-24-59 559084 2016650 5-71					34		9,986	5.17	516						
585297 ETTA GOLOEN JESTER.....*		4	9	1-31	18	2.0	8,233	4.86	400	0	34	+154	-.04	+4	+7
03-28-59 565141 1896478 5-71					15		7,663	4.97	381						
585301 VOSBURGH FARMS SIR LUCKY.....*		1	14	1-23	14	3.2	9,288	5.47	508	15	26	+26	+.08	+8	+7
03-22-58 545565 1571975 5-71					28		9,223	5.20	480						
585310 FASHION PRINCE ROBIN.....*		1	21	1-13	21	3.5	9,817	4.95	486	21	28	-35	-.01	-3	-3
11-21-58 571911 2066265 5-71					38		10,071	5.01	505						
585314 VIOS BRAMPTONS PENORYN RITA OI*		1	29	1-92	29	1.6	9,278	4.80	445	**	25	-107	-.05	-10	-11
08-29-58 551018 1718068 5-71					31		9,807	5.06	496						
585327 BRAMPTON WORLO CAROM.....*		10	16	4-11,13,	41	4.0	9,465	5.22	494	8	48	-113	+.06	0	-3
09-24-55 010121754 010189585 5-71				14,21	29		9,799	5.11	501						
585328 FACTION ACME CAROM.....*		4	18	1-34	25	2.9	7,480	5.35	400	13	33	-207	+.06	-5	-10
07-28-58 010121754 2275639 5-71					19		8,023	5.16	414						
585332 OIAMONO CLEARCUT OESIGN.....		1	13	1-14	13	2.9	8,221	4.79	394	25	25	+33	-.03	-1	0
02-23-59 552843 1952747 5-71					4		8,004	4.97	398						
585333 AOVANCER COMMANOO OF MAPLE LAW*		1	11	1-52	11	4.0	9,958	5.15	513	0	25	+274	-.03	+11	+16
12-09-58 563658 2168376 5-71					35		8,881	5.31	472						
585337 GIPSY GENTLEMAN.....*		4	4	3-14,21,	12	2.9	10,752	5.09	547	0	36	-13	-.04	-4	-4
02-22-59 460788 1706728 5-71				63	73		11,007	5.21	574						
585348 SA8LES WELCOME SENSATION.....*	21-10	204	10	9-11,13,	816	2.1	9,736	4.94	481	12	96	+485	-.13	+12	+23
07-07-58 513246 2057351 1-71				14,21,22	20		9,270	5.08	471						
585350 THE TRAOEMARK.....*	35-75	2	14	2-14,74	16	3.6	13,421	5.83	782	0	29	+513	+.19	+43	+49
08-16-58 497355 1932122 5-71					26		11,963	5.47	654						
585355 SA8LE FAN VICTORY.....*		19	7	5-12,13,	47	2.0	9,515	5.12	487	17	60	+432	+.01	+23	+30
09-30-58 497355 1862535 5-71				14,22,55	24		8,792	5.12	450						
585357 SA8LES MODEL SIGNAL.....*		1	23	1-86	23	2.1	9,852	4.53	446	7	26	+32	-.03	-1	0
10-12-58 513246 1747517 5-71					52		9,827	4.61	453						
585358 SA8LES WELCOME VOLUNTEER.....*		1	47	1-73	47	2.1	7,341	4.74	348	23	27	-155	-.03	-10	-12
11-16-58 513246 1932100 5-71					9		7,807	4.88	381						
585366 RAOAR O BEACON MAJOR.....*		2	8	1-32	11	2.9	7,348	5.13	377	20	27	-275	+.01	-13	-18
07-17-58 574791 1740245 5-71					13		8,305	5.12	425						
585367 ECLIPSE AOVANCER ROYALIST.....*	21-10	95	3	6-11,12,	195	2.0	9,365	5.04	472	22	90	+49	-.02	+1	+2
10-02-58 484019 1709950 5-71				13,21,23	22		9,362	5.06	474						
585393 MARSHALL FIRECHIEF.....*	23-09	42	7	4-22,23,	130	3.0	9,189	5.26	483	19	83	+53	+.14	+15	+14
01-28-59 533617 1546856 5-71				50,56	18		9,155	5.10	467						
585397 JESSIES SUN DANCER.....		1	89	1-93	89	1.9	9,006	4.85	437	8	28	+81	-.02	+2	+4
11-12-58 550387 2017799 5-71					117		8,699	4.92	428						
585398 LEAOERS FANCY PRINCE.....*		5	6	1-93	19	2.0	8,689	4.70	408	0	40	-63	-.07	-9	-9
01-03-59 506577 1878814 5-71					52		8,847	4.87	431						
585403 PIXYS TRISTRAM DAIRYMAN.....*		1	66	1-42	66	2.3	7,606	5.00	380	0	29	+106	.00	+5	+7
03-18-59 530104 2033734 5-71					41		7,064	5.01	354						
585423 IMP. ITASKAS FILLPAIL OESIGNER*		6	23	2-92,93	50	2.4	9,219	4.88	450	21	43	-484	-.09	-32	-39
05-01-58 581485 010065916 5-71					26		10,514	5.09	535						
585538 C B DOUBLE STANOARO BROWNIE...*		3	11	1-93	16	2.1	9,480	5.41	513	**	30	-86	+.08	+3	0
07-03-58 563520 2029619 5-71					21		9,873	5.15	508						
585587 JESTER SLEEPING 8ASIL JESTER..*		6	6	3-61,65,	18	2.8	7,235	5.11	370	8	42	-145	+.04	-4	-7
04-26-58 534585 1910716 5-71				74	27		7,444	5.05	376						
585592 MILESTONE MARLU OESIGN.....		1	18	1-56	18	4.1	7,961	4.94	393	0	28	-245	-.01	-13	-17
04-11-59 577027 2128747 1-71					19		8,826	5.03	444						
585598 TRUSTY JUBILEE OANDY.....*		7	19	5-42,55,	33	2.8	7,853	5.16	405	13	38	-238	-.01	-13	-17
10-24-58 569970 1828810 5-71				57,58,93	19		8,438	5.24	442						
585607 JESTER SPORTING 8ASIL.....*		2	17	1-65	21	2.2	6,620	5.02	332	24	28	-210	+.02	-9	-13
11-24-58 558750 1964201 5-71					16		7,203	5.00	360						
585661 TRISTRAM VICTOR REMUS.....*		5	4	2-13,21	13	3.3	10,545	5.10	538	10	38	+134	-.03	+4	+7
03-29-59 540265 2104918 5-71					12		10,342	5.20	538						
585679 GLENDOWAN AIM-S INTENSIFIER...*		5	3	3-82,84,	11	2.4	7,481	5.29	396	**	36	-297	+.02	-13	-18
09-24-53 010123033 010206549 5-71				92	18		8,245	5.26	434						
585692 GUIOEO MISSILE FROM SI8LEY FAR*		10	2	8-12,13,	12	2.9	8,794	4.84	426	30	44	-156	-.09	-16	-17
04-18-58 528281 1579915 5-71				14,16,52	23		9,186	5.08	467						
585709 SIXTH GENERATION JESTER.....*		1	12	1-87	12	2.4	7,719	5.14	397	0	23	+122	-.02	+4	+6
10-19-58 010124304 2280767 5-71					14		7,011	5.33	374						
585719 PINNACLE 8LONDE JEST AIM.....*		3	12	2-58,64	16	4.1	7,449	5.22	389	0	31	-104	+.05	-1	-4
01-01-59 534381 2029336 5-71					43		7,666	5.09	390						
585737 ACME 8RAMPTON RAOAR.....*		3	12	1-64	24	3.6	8,473	4.59	389	7	41	+188	-.12	-1	+4
07-12-58 475948 2280462 5-71					72		7,919	4.90	388						
585748 IMP. KEEPERS JEST OREAMER.....*		26	33	3-42,87,	172	1.7	9,430	5.12	483	5	63	-175	+.08	-2	-6
03-20-57 010008833 010052638 5-71				93	40		9,802	5.03	493						
585782 COMMANOO 8ESS KING.....*		3	3	2-50,51	10	2.4	6,815	5.44	371	22	33	-221	+.01	-10	-14
09-18-58 562640 2082168 1-71					18		7,349	5.43	399						
585801 WONOERFUL EASTER RAOAR.....*		9	4	7-31,32,	18	2.7	9,057	5.31	481	7	46	+77	+.07	+10	+10
01-14-59 577598 1909592 5-71				48,52,65	19		8,892	5.20	462						
585819 BELMONT W R LAO.....*		4	11	1-57	24	2.0	7,682	4.88	375	33	38	+74	.00	+4	+5
08-03-58 568641 1879501 5-71					20		7,336	4.85	356						
585821 CAROM ROSE8AY ACME.....*		3	17	2-58,64	21	2.4	8,558	4.51	386	22	29	+59	-.09	-5	-3
11-03-58 010121754 2279137 5-71					47		8,301	4.85	403						
585833 8RAMPTON 8EL AIMY-S CAROM.....*		4	7	1-48	23	2.8	8,719	4.89	426	18	46	-226	-.09	-19	-22
10-13-58 010121754 010294701 5-71					16		9,254	5.11	473						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER DF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
585840 FASHION COMMANOD PINN.....*		2	47	1-32	49	3.4	8,349	4.79	400	7	31	+141	.00	+7	+9
02-26-58 569336 2101011 5-71					10		7,795	4.77	372						
585852 OXFOROS SY8IL OXFORO.....*		9	4	7-14,16,	16	2.1	9,279	4.61	428	15	42	+9	-.15	-13	-11
11-25-58 546088 1906795 5-71				21,23,31	15		9,304	4.97	462						
585855 8ONNYS WILMA PERKY.....*		1	35	1-54	35	2.7	7,671	5.21	400	**	29	-75	+.03	-1	-3
07-12-58 565181 2066716 5-71					5		7,834	5.16	404						
585915 FAVORITE MILESTONE.....*		6	8	1-55	20	2.0	7,703	5.04	388	36	38	-243	+.01	-11	-15
02-25-59 563805 2061305 5-71					16		8,290	5.03	417						
585918 LEADER ROYAL NDBLEMAN.....*	31-02	45	8	14-31,32,	128	1.6	9,457	5.02	475	14	78	+315	-.02	+14	+20
02-17-59 567370 1952644 5-71				43,52,64	25		9,076	5.06	459						
585937 NO8LE JESTERS MARI-MAN.....*		15	15	6-33,35,	49	2.2	8,404	5.07	426	13	51	-196	+.06	-5	-9
12-18-58 566970 2063404 1-71				42,43,63	11		8,786	4.99	438						
585983 LI8ERATORS WINSDME AOVANCER...*	11-01	16	2	3-11,13,	27	2.4	8,729	5.10	445	5	60	-322	+.06	-11	-17
08-06-58 564125 2050938 5-71				55	22		9,312	5.03	468						
585986 HIRANGE SENATOR CLARION.....*		2	8	1-63	15	3.1	8,947	5.02	449	30	35	-117	.00	-6	-8
04-19-59 573399 2202212 5-71					17		9,329	5.07	473						
585997 SMOOT FARM WELLBORN BEACON....*		3	14	1-87	19	1.6	8,003	4.96	397	**	28	-161	-.01	-9	-12
01-19-59 557955 2062145 5-71					42		8,548	5.03	430						
586036 JESTER NO8LE FAVORITE LEAOER..*	35-05	52	6	6-33,35,	138	2.3	9,115	5.13	468	10	84	+165	-.01	+7	+10
01-11-59 567370 1952641 5-71				41,42,63	14		8,927	5.16	461						
586052 FAVORITE VANGUARO PRINCE.....*		2	10	1-21	12	3.3	8,037	5.38	432	0	27	-211	+.08	-4	-9
03-21-59 563658 2240802 5-71					11		8,835	5.12	452						
586064 LINOAS LOTTA R.....*		2	20	2-63,65	22	3.5	8,228	4.91	404	0	31	+140	-.02	+5	+8
09-16-58 527714 2005184 5-71					126		7,649	4.98	381						
586091 BEACON 8AS SUMMIT.....*		8	20	5-11,13,	56	2.8	8,875	5.17	459	9	51	-296	-.01	-16	-21
04-26-59 559928 1949854 5-71				55,63,65	30		9,528	5.23	498						
586093 LOYAL 8AS NO8LEMAN.....*		2	12	1-63	17	2.6	8,808	5.00	440	6	30	-21	+.03	+2	+1
05-19-59 573072 1966698 5-71					61		8,884	4.87	433						
586129 LUCKY LANES HEIR.....		2	10	1-21	12	2.3	7,154	4.75	340	25	25	-161	-.08	-15	-17
11-15-58 491174 1844109 5-71					15		7,695	5.21	401						
586184 NO8LE GALINTHIA.....*		4	14	1-33	19	2.1	7,734	5.22	404	25	30	+10	+.06	+6	+5
09-05-58 563978 2025603 5-71					17		7,573	5.00	379						
586186 PINN ACME OXFORD.....*		1	19	1-32	19	2.4	8,573	5.07	435	14	25	+88	.00	+4	+6
10-12-58 569636 2201363 5-71					10		8,159	5.11	417						
586192 BASIL LUCY VICTORY.....*		2	8	2-31,72	10	2.6	7,579	5.30	402	10	24	-89	+.01	-4	-6
10-08-58 568040 1417090 5-71					12		7,852	5.35	420						
586225 8URCHFIELD BARBERS PALYBOY....*		4	6	1-65	11	2.7	8,545	5.09	435	**	31	+89	-.01	+4	+6
07-30-58 534978 2083921 5-71					29		8,189	5.12	419						
586262 SIXTH GENERATION OESIGNER.....*		4	10	2-33,43	17	1.9	7,058	5.04	356	31	30	-123	+.01	-5	-7
10-14-58 010124304 2182254 5-71					20		7,321	5.04	369						
586263 8ELMONT SIXTH GENERATION.....*	23-13	48	5	16-31,33,	108	1.3	8,957	4.96	444	18	78	-275	-.07	-20	-24
11-10-58 010124304 2017986 5-71				51,56,63	23		9,362	5.06	474						
586299 HIGH MARKS ETTA STAR.....*		2	17	1-58	19	4.1	10,059	4.77	480	18	30	+196	-.02	+8	+12
03-11-59 565141 2122946 5-71					48		9,461	4.80	454						
586309 DAYWOOD ADVANCER LUKE.....*		2	6	2-92,93	11	2.3	9,489	5.09	483	29	29	+152	.00	+8	+11
03-08-59 545586 2303699 5-71					43		8,978	5.09	457						
586340 JESTER 8RAMPTON ROCKET.....*		1	19	1-56	19	2.6	7,638	5.25	401	**	26	-75	+.02	-2	-4
09-12-57 543763 1482586 5-71					15		7,824	5.21	408						
586368 WELCOME RO8IN HOOO.....*		2	12	1-31	23	3.4	9,564	5.49	525	0	40	-45	+.12	+8	+5
04-16-58 572384 1758777 5-71					12		9,772	5.25	513						
586388 GIPSY TYCOON MARSHALL.....*		7	4	4-13,15,	14	3.1	8,419	4.80	404	17	40	-212	-.13	-22	-24
07-25-58 562009 1960552 5-71				21,55	31		8,964	5.17	463						
586421 FAVORITE AOVANCER SIR.....*		5	10	1-92	26	2.7	10,887	5.03	548	0	43	+301	-.06	+10	+16
02-01-54 493165 1810139 5-71					7		10,340	5.15	533						
586431 JESTER DESIGN DON DUKE.....*		2	14	1-42	16	2.3	6,901	5.55	383	**	27	-121	+.07	0	-3
05-27-58 564163 1657800 5-71					9		7,195	5.30	381						
586478 MILESTONE ETTA PINNACLE.....*		3	9	1-31	14	3.6	8,298	5.15	427	14	32	-89	+.01	-4	-6
12-05-58 576342 2225653 5-71					18		8,554	5.18	443						
586539 IVYS 8ERTON.....*		2	18	1-41	32	3.0	7,310	5.03	368	**	40	-259	-.01	-14	-18
08-08-58 565770 2203472 5-71					12		7,860	5.10	401						
586577 AOVANCER RADAR TDM.....*		7	3	5-31,32,	11	1.6	8,515	5.09	433	22	34	-3	-.01	-1	-1
07-10-59 577598 1860800 5-71				52,55,61	19		8,490	5.16	438						
586600 RICH 8ASIL SNOWDROP.....*		1	23	1-32	23	3.2	7,847	4.87	382	10	27	-121	+.01	-5	-7
12-21-58 531342 1860801 5-71					7		8,230	4.86	400						
586602 STANOARO SUPREME OF O.V.....*		1	36	1-93	36	2.2	9,635	4.80	462	**	28	+89	-.05	0	+2
03-06-59 536401 1822260 5-71					48		9,368	5.01	469						
586612 DONNAS OESIGN DREAMER.....*		3	52	2-57,63	58	3.6	9,151	4.92	450	11	33	+86	-.01	+3	+5
08-30-58 526137 1773722 5-71					26		8,898	4.94	440						
586625 BURCHFIELO GIVIAS PLAY8OY.....*		3	13	1-65	18	3.3	7,792	4.70	366	**	32	-8	-.02	-2	-2
09-21-58 534978 1816783 5-71					16		7,706	4.78	368						
586650 I.C. FILLPAIL WONDER HIGHFIELD*	63-03	8	3	1-63	16	1.9	6,970	5.22	364	36	44	-601	+.13	-19	-31
05-27-58 496151 1623760 5-71					16		8,281	4.90	406						
586651 SLEEPER DANDY FILLPAIL.....*	63-03	9	2	2-63,65	15	2.8	7,587	5.15	391	9	47	-392	+.10	-11	-19
07-02-58 546993 1711269 5-71					34		8,385	4.93	413						
586660 P.B. BASIL ARGO.....*		1	12	1-87	12	3.3	6,705	5.16	346	25	25	-179	+.03	-6	-10
09-01-58 519724 1957386 5-71					32		7,281	5.04	367						
586676 MAOAM ETTAS COMBINATION.....*		7	6	2-31,56	18	1.3	7,112	5.10	363	11	37	-316	-.03	-18	-23
07-10-58 573454 2039318 5-71					16		7,873	5.22	411						
586681 8EACON BAS FAULTLESS.....*	63-01	20	17	2-55,63	88	2.4	8,540	4.78	408	12	63	-120	-.11	-16	-16
05-27-58 559928 1559584 5-71					27		8,720	4.99	435						
586708 MANADEL OWL OREAMER.....*		2	13	1-35	15	2.1	8,500	5.35	455	27	25	-215	+.01	-10	-14
04-03-59 535059 1312477 5-71					21		9,406	5.36	504						
586716 DUART B. BELLAS DIGGER.....*		1	15	1-21	15	4.3	9,021	5.52	498	0	27	-207	+.06	-5	-10
12-09-57 557268 1821104 5-71					29		9,903	5.33	528						

REGISTRATION NUMBER NAME OF BULL	STUO COOE	NUMBER OF HEROS	EFF OAU /HO	STATES NO- WITH MOST OAUS	... OAUGHTERS ANO HEROMATES ... OAUS HM/OAU	REC/OAU HEROMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTEO DIFFERENCES MILK	%	FAT	$$
586740 OOTTRINAS BRIM MASTERSON.....*		2	32	1-74	62	3.0	6,116	4.94	302	7	44	+10	+.02	+2	+2
05-02-59 554190 1871240 5-71					51		5,787	4.87	282						
586761 MILKMANS GOLDMINE.....*		1	27	1-63	27	2.8	8,442	5.05	426	11	28	+51	-.01	+2	+3
08-23-58 565313 1932219 5-71					23		8,194	5.10	418						
586774 GOLOEN CCMMANOO BASILEUS.....*		1	43	1-74	43	1.9	8,857	5.20	461	28	26	-61	-.04	-7	-7
04-12-59 574676 2093395 5-71					41		9,119	5.46	498						
586798 OXFORO NO8LE SUCCESSOR.....*		1	11	1-63	11	2.8	7,359	4.92	362	29	23	+88	.00	+4	+6
07-26-58 562353 2200171 5-71					33		6,774	4.96	336						
586832 ADVANCER BEAUTYS PRINCE.....*		18	3	6-23,31,	36	2.3	7,587	5.22	396	23	63	-741	+.09	-30	-44
01-28-59 553149 2193204 5-71				61,63,65	21		8,765	5.08	445						
586839 AOVANCER RECORO REGAL BASIL...*		1	44	1-64	44	3.2	8,492	5.09	432	9	30	-160	+.08	-1	-5
02-14-59 575217 2112324 5-71					32		9,046	4.84	438						
586849 BRIGHAM CONFIOENT PAXTON.....*		2	14	1-13	20	3.4	10,614	4.94	524	16	33	+243	-.02	+10	+15
05-28-59 549813 1987391 5-71					18		9,998	4.98	498						
586854 RAOARS RUSH ANOY.....*		2	17	2-33,48	19	2.8	7,041	4.96	349	13	28	-158	+.02	-6	-9
07-05-59 577598 2039967 5-71					10		7,472	4.90	366						
586886 VENITAS ECHO MARLU BASIL SIR..*		2	15	1-91	26	3.3	9,960	4.80	478	0	38	+105	-.05	+1	+4
08-21-58 556095 2145715 5-71					8		9,777	4.89	478						
586898 AOVANCER LILAC GEM.....*		4	4	2-91,92	11	1.9	9,889	5.28	522	**	33	+72	+.03	+6	+7
08-10-58 541866 1629442 5-71					20		9,759	5.25	512						
586903 OANOYS 8ASIL WARO.....*		2	10	1-42	12	3.3	8,064	5.51	444	9	27	-68	+.03	-1	-3
01-13-59 558730 1720438 5-71					19		8,261	5.50	454						
586906 VICTORIOUS OREAMERS DUKE.....*		1	13	1-72	13	2.8	7,934	4.61	366	**	25	+144	-.04	+4	+7
01-08-58 561099 1996764 5-71					12		7,197	4.72	340						
586919 NORMSLANO BELLE RINGER.....*		9	5	5-11,12,	25	2.2	8,333	5.15	429	37	50	-504	+.03	-23	-32
11-15-58 571911 1652984 5-71				13,21,74	20		9,403	5.12	481						
586922 VICTORY LAOS SIR.....*		4	12	3-23,50,	17	3.4	9,215	4.96	457	13	32	-174	.00	-9	-12
10-21-58 561699 2056722 5-71				55	29		9,858	5.00	493						
586926 COMMANDO AOVANCER OREAMER.....*		2	14	1-63	27	2.2	6,717	4.84	325	20	37	-56	-.04	-6	-6
03-26-58 493979 2066858 5-71					45		6,650	5.01	333						
586991 JESILEUS RAOAR.....*		5	4	3-42,47,	14	3.4	8,942	5.26	470	10	40	+243	+.02	+14	+18
02-08-59 499207 2000401 5-71				84	26		8,279	5.24	434						
587001 8RIARCLIFFS MILKMASTER.....*		2	19	2-11,55	21	4.6	11,455	4.91	562	5	31	+165	-.07	+2	+6
02-24-59 465966 1878877 5-71					25		11,153	5.09	568						
587015 TOREAOORS 8ASIL BULLSEYE.....*		8	10	5-31,55,	34	2.7	7,976	5.14	410	26	49	-475	.00	-24	-32
05-24-59 548159 1767280 5-71				61,65,74	29		8,954	5.16	462						
587027 OESIGNS RULER.....*		6	24	2-57,64	74	2.9	8,240	5.10	420	15	54	-280	+.02	-12	-17
02-17-58 581485 010055952 5-71					53		8,752	5.07	444						
587040 FLASHLIGHT OF RO8INS REST.....*		1	16	1-65	16	1.9	7,640	4.70	359	**	24	+31	-.01	+1	+2
02-21-59 567972 1810602 9-70					43		7,365	4.66	343						
587043 MILAOY CINOY FASHION PRINCE...*		1	10	1-48	10	2.3	10,423	5.40	563	30	21	+130	+.07	+13	+14
04-18-59 571911 1672788 5-71					16		9,901	5.14	509						
587046 FAVORITE STANOARO FAVORITE....*		5	13	2-12,13	20	2.5	7,667	5.16	396	**	33	-110	+.05	-1	-4
09-26-56 493165 1531054 5-71					18		7,913	5.04	399						
587063 PATHFINOERS CHAMPION EAGLE....*		4	7	1-92	17	2.5	9,471	5.26	498	19	37	-124	+.01	-5	-7
08-26-59 557868 2073826 5-71					25		9,920	5.26	522						
587065 PATHFINOERS CHAMPION COUNT....*		4	7	1-41	24	3.4	10,570	4.78	505	4	48	+616	-.17	+15	+28
09-06-59 557868 2145192 5-71					12		9,341	5.12	478						
587082 HAR8ERS JESTER B. BELLE8OY....*		3	6	1-73	11	2.4	8,796	5.18	456	17	28	+170	+.04	+12	+14
05-02-59 542372 2183224 5-71					19		8,124	5.06	411						
587097 BARON WELCOME CHAMP.....*		1	12	1-34	12	3.2	9,383	5.55	521	0	25	+51	+.02	+4	+5
04-30-59 541555 2025213 5-71					67		9,218	5.55	512						
587145 PECAN GROVE WINSOME OESIGNER..*		1	15	1-72	15	2.7	8,482	4.81	408	**	26	+21	+.03	+4	+4
10-17-57 563976 1663098 5-71					16		8,350	4.63	387						
587222 WILLOW FILLPAIL MOGUL TUCK....*		2	29	1-56	31	2.2	9,353	5.31	497	15	28	-271	+.04	-10	-15
02-02-59 567973 1845370 5-71					81		10,487	5.20	545						
587233 BEACON ROYAL AIM.....*		2	8	1-34	10	2.3	8,284	5.05	418	**	24	-29	-.04	-5	-5
11-05-56 556065 2019428 5-71					48		8,361	5.29	442						
587238 KNIGHTS BLONOE SA8LES SIGNAL..*		1	30	1-74	30	1.9	9,830	4.90	482	0	26	+274	-.04	+10	+15
05-21-59 541681 2165703 5-71					16		8,744	5.04	441						
587250 8ROWNLANE GENERATIONS PROMISE.*		2	7	2-12,13	10	3.4	8,645	5.31	459	0	27	-169	+.02	-7	-10
01-04-57 010124304 010197505 5-71					14		9,314	5.30	494						
587254 RECOROS AOVANCER ROCKET.....*	21-01	48	4	5-11,13,	89	2.9	8,900	5.08	452	15	81	-78	-.02	-6	-7
11-21-58 520485 1760613 5-71				21,23,56	21		9,013	5.13	462						
587330 MISTER BASIL PRIOE.....*		3	20	1-32	24	2.3	7,475	5.35	400	17	29	-254	+.08	-6	-12
09-14-58 549122 1941712 5-71					12		8,296	5.10	423						
587343 BRAMPTON JERSEY RAOAR.....*		1	40	1-65	40	2.5	6,486	4.27	277	0	28	-389	-.01	-20	-27
07-04-58 566874 1911000 5-71					13		7,783	4.41	343						
587379 ETTA GOLDEN STAR.....*		1	23	1-74	23	2.4	7,318	4.99	365	0	25	-142	+.05	-3	-6
07-01-59 565141 2018104 5-71					81		7,774	4.79	372						
587380 GOLOEN ETTA MERCURY.....*		10	2	3-31,35,	14	1.8	7,944	5.20	413	14	41	-239	+.02	-10	-15
07-16-59 565141 1766360 5-71				57	18		8,497	5.18	440						
587382 GOLOEN ETTA ROCKET.....*		4	20	3-23,31,	26	2.5	8,659	4.99	432	5	31	+31	-.02	0	+1
08-19-59 565141 2107006 5-71				65	19		8,525	5.08	433						
587390 SABLES MAGICIAN.....*		3	9	1-88	20	3.2	11,311	4.92	556	0	41	+163	-.02	+6	+9
09-07-59 541681 2162199 1-71					22		11,140	4.95	551						
587417 OREAMING FAVORITE OF TREOELL..*	91-01	12	1	2-81,91	13	2.2	10,748	5.15	553	**	44	+530	-.04	+23	+33
03-20-59 535058 1571904 5-71					14		9,629	5.28	508						
587473 CLEARBROOK POLLYS OANOY.....		1	26	1-13	26	3.1	7,463	5.09	380	7	28	-133	+.01	-6	-8
11-08-58 521175 2175878 5-71					16		7,841	5.13	402						
587480 JESTER VALIANT NORMA SUPREME..*		6	2	3-33,42,	11	3.0	8,270	4.76	394	11	40	-171	-.07	-15	-17
09-03-58 552439 2158789 5-71				63	14		8,683	4.99	433						
587488 MARLU MILESTONE PIONEER.....*	91-13	55	7	6-82,84,	143	2.4	9,501	5.09	484	17	84	-132	+.02	-5	-8
04-03-59 563805 1726397 5-71				87,91,92	19		9,749	5.09	496						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
587495 BELLAS RADAR WAVERLEY.....*		1	10	1-93	10	2.0	9,140	5.09	465	**	22	+25	+.01	+2	+2
08-13-58 557268 1796895 1-71					36		9,047	5.06	458						
587546 BLUE SPRINGS NOBLE DESIGNER...*	63-02	9	17	6-11,12,	46	1.5	8,534	4.85	414	20	45	-25	-.11	-11	-10
10-03-59 582721 1538747 5-71				21,52,63	40		8,564	5.14	440						
587561 JESTER SLEEPING JESTER.....*	63-02	8	6	5-21,35,	18	2.1	8,385	5.16	433	36	39	-125	+.07	0	-3
01-02-59 534585 2180670 5-71				42,61,63	13		8,695	5.00	435						
587579 SPARKLE BRAMPTON BUCK.....*		4	18	3-56,58,	31	2.5	8,862	5.24	464	8	36	-175	+.05	-4	-8
10-08-58 505066 1783358 5-71				74	61		9,403	5.12	481						
587581 DRACONIS VALIANT SIR.....*		6	7	3-22,56,	16	2.0	8,475	4.51	382	**	36	+129	-.09	-2	+2
10-10-58 539725 1829437 5-71				58	52		8,035	4.77	383						
587609 IMP. KEEPERS ARISTOCRAT.....*		18	3	4-32,65,	34	1.8	8,750	5.17	452	**	60	-478	+.11	-15	-25
09-14-58 010008910 010059243 5-71				88,93	33		9,622	5.01	482						
587653 AIMS LAVENDER REX.....		1	12	1-48	12	1.8	6,481	5.17	335	**	22	-217	+.02	-9	-13
06-28-57 522951 2233438 1-71					7		7,339	5.14	377						
587689 MARLU MILESTONE EMBLEM.....*		6	15	2-55,56	34	1.9	8,880	4.74	421	20	41	-49	-.06	-8	-8
03-21-59 563805 1968108 5-71					48		9,018	4.90	442						
587696 MARSHLAND COMMANDO DANOY HAL..*		2	7	1-13	11	3.9	7,735	4.91	380	11	31	-175	.00	-9	-12
06-10-59 524581 2179418 5-71					33		8,243	4.95	408						
587726 RUTGERS ESMOND SABO.....*		3	9	2-12,22	20	2.7	11,287	5.20	587	25	38	0	+.09	+8	+7
01-23-59 502114 1692170 5-71					9		11,561	5.02	580						
587735 DANCING WONDER ACME.....*		5	5	3-33,35,	12	1.3	8,613	5.06	436	**	30	-401	-.01	-21	-28
10-16-59 569636 2035670 5-71				41	20		10,074	5.11	515						
587761 WONDROUS SPARKLE DESIGNER.....*		3	7	2-57,58	10	3.0	7,979	5.11	408	0	29	-193	+.02	-8	-12
02-27-59 561278 2053165 5-71					8		8,636	5.11	441						
587798 COMMANDO FAVORITE SPARKLE SIR.*		2	9	1-91	11	2.1	6,796	5.62	382	11	25	-233	+.04	-8	-13
01-26-59 576356 2167937 5-71					12		7,625	5.48	418						
587809 GOLDEN ETTA DREAMER.....*		28	3	10-31,33,	51	3.1	7,993	4.89	391	6	73	-259	-.12	-23	-26
03-20-59 565141 1956106 5-71				35,41,47	16		8,291	5.09	422						
587819 KEYS LYNN TARGET CHALLENGER...*	22-03	7	11	2-22,34	42	3.1	9,755	5.23	510	16	55	-179	+.16	+5	0
05-04-59 526919 1624082 5-71					52		10,220	4.96	507						
587828 MILADYS CLIMAX COMMANDO.....*		3	25	1-65	29	2.2	9,250	4.80	444	5	29	+120	-.04	+2	+5
10-27-59 577134 2097072 5-71					13		8,831	4.96	438						
587831 ROYAL STRATMORE CERES.....*		2	18	1-33	20	2.4	10,419	5.00	521	13	27	+44	-.02	0	+1
09-02-59 585431 2317504 5-71					6		10,415	5.11	532						
587850 OLINBAR CAVALIER.....*		1	28	1-33	28	3.3	9,657	5.26	508	5	29	+306	+.01	+16	+21
06-04-59 580371 2195920 5-71					7		8,587	5.30	455						
587881 CLEMATIS ROYAL RECORDS.....*		3	15	1-13	28	2.9	8,128	5.33	433	7	40	-376	+.06	-14	-21
08-24-59 578877 010245846 5-71					20		9,100	5.20	473						
587894 ADVANCER COMMANDO COMBINATION.*		1	10	1-54	10	2.9	9,857	4.90	483	30	23	-140	-.01	-8	-10
11-11-59 573454 2023923 5-71					14		10,667	4.99	532						
587904 BELMONT ITASKA PRIDE.....*		3	21	2-64,65	37	3.3	8,855	4.63	410	9	40	+318	-.11	+6	+13
08-18-59 568641 1974105 5-71					19		7,964	4.88	389						
587927 CROWNING WINSOME FAITHFUL.....*		9	3	4-21,31,	14	1.5	7,186	4.90	352	30	40	-417	-.01	-22	-29
11-21-59 575186 1774844 5-71				32,34	13		8,163	4.99	407						
587947 MISTER PRODUCTION.....*	91-13	74	3	6-82,85,	132	2.3	8,850	5.30	469	21	87	-570	+.20	-12	-25
11-21-59 557868 2074985 5-71				87,91,92	17		9,581	5.10	489						
587962 IMP. GALINTHIAS MONARCH.....	93-16	7	30	2-92,93	104	1.6	9,580	5.22	500	20	54	-258	+.14	-1	-8
04-14-59 010009016 010068336 5-71					92		10,195	5.00	510						
587975 LACER OF FAIRFIELD.....		1	30	1-13	30	2.2	9,007	5.10	459	15	27	+17	+.01	+2	+2
08-20-59 571769 1811813 5-71					15		8,954	5.07	454						
588001 TRISTRAM REMUS COLONEL.....*		5	15	4-13,14,	22	3.3	10,408	5.30	552	11	34	+146	+.03	+10	+12
11-30-59 540265 2104915 5-71				55,56	14		10,103	5.28	533						
588014 SURVILLE DRACONIS ABRAHAM.....*		1	17	1-74	17	3.2	7,427	4.77	354	7	26	-135	+.02	-5	-8
08-08-59 572289 1807873 5-71					86		7,841	4.72	370						
588022 SYBIL OWL EXCELLENCY PERCY....*	11-01	48	4	1-11	121	3.0	9,079	5.04	458	15	86	-249	+.01	-12	-16
09-21-59 502113 2100490 5-71					18		9,428	5.06	477						
588023 BRIGHAM SYBIL OWL.....	63-01	30	8	2-55,63	118	2.5	8,306	5.07	421	15	80	-310	+.13	-4	-11
11-18-59 502113 1850119 5-71					24		8,680	4.90	425						
588027 JESTER BELMONT W R.....*		3	8	1-31	11	4.1	7,734	4.94	382	10	30	-76	+.01	-3	-4
10-12-59 542372 2057691 5-71					15		7,896	4.94	390						
588090 GOLDEN CHAMPION JEFFERY.....*		1	11	1-23	11	3.6	7,881	4.95	390	**	25	-224	+.04	-8	-12
10-30-59 537666 2156657 5-71					22		8,794	4.86	427						
588092 DANDY FAVOR COMMANDO.....*	65-02	15	10	2-65,74	48	1.7	8,445	4.62	390	19	55	-332	-.10	-25	-29
01-26-59 556096 1824029 5-71					27		9,069	4.81	436						
588093 FAVOR COMMANDO GOLDENROD.....*		1	15	1-74	15	2.3	8,980	4.67	419	25	24	-165	.00	-8	-11
02-08-59 556096 1945164 5-71					36		9,757	4.68	457						
588099 ZWALDS RADAR BUDDY.....*		1	12	1-92	12	3.9	8,665	5.56	482	0	26	-25	+.07	+5	+4
09-15-59 518988 2168714 5-71					19		8,757	5.32	466						
588103 GOLDEN ETTA ADVANCE.....*		7	13	3-11,13,	37	2.7	10,114	4.88	494	14	48	+299	-.14	+2	+9
11-25-59 565141 2101020 5-71				14	23		9,558	5.19	496						
588114 JESTER SLEEPING ADVANCER.....*	65-02	24	24	6-31,32,	89	2.0	9,286	4.88	453	23	55	+78	-.01	+3	+5
02-08-59 534585 2066252 5-71				33,43,65	16		9,177	4.88	448						
588128 S.A.S BEAUTY.....*		3	12	1-72	23	2.1	6,084	4.57	278	**	36	-353	-.02	-19	-25
09-20-59 553149 2193206 5-71					19		6,880	4.69	323						
588133 BEAUTYS DANDY ADVANCER.....*		3	5	1-64	12	4.2	8,661	5.07	439	13	37	-65	+.01	-2	-3
10-06-59 553149 1870183 5-71					60		8,839	5.07	448						
588134 ADVANCERS RUSH.....*		4	5	2-35,64	17	4.1	8,940	5.07	453	0	45	-21	+.01	0	-1
10-07-59 528332 1870182 5-71					57		9,004	5.04	454						
588135 ADVANCER CORNET.....*		1	37	1-84	37	2.7	8,703	5.04	439	6	29	-54	-.03	-5	-6
10-14-59 528332 1770297 5-71					46		8,900	5.18	461						
588142 CHINA DOLLS ACME.....*		1	54	1-48	54	2.8	9,682	5.11	495	2	30	+140	.00	+7	+9
02-05-59 580237 2188473 5-71					13		9,259	5.14	476						
588190 SECRET BASIL.....*		1	15	1-34	15	4.5	9,408	4.78	450	7	28	+211	-.06	+5	+10
03-12-59 497574 1975133 5-71					9		8,625	4.99	430						

REGISTRATION NUMBER NAME OF BULL	STUO CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	% %	FAT FAT	% INC	1ST REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
588205 LEADER ZINNIA COMMANDO.....*		1	21	1-43	21	2.4	8,320	5.23	435	6	26	+102	+.03	+8	+9
07-08-59 567370 2087347 5-71					4		7,828	5.14	402						
588206 LEADER SPARKLING JESTER.....*		4	9	3-43,92,	25	2.8	8,440	5.34	451	**	44	-163	+.12	+2	-3
08-08-59 567370 1769053 5-71				93	42		8,810	5.06	446						
588220 ALTA FRASER MANHATTEN.....		1	19	1-93	19	2.6	8,608	4.89	421	31	26	+12	.00	+1	+1
08-04-59 561983 1909786 5-71					117		8,527	4.87	415						
588229 IMP. DREAMLIKE BOY.....*		10	12	5-13,16,	37	3.0	9,644	5.11	493	15	50	-32	-.03	-4	-4
06-21-53 010008425 2038809 5-71				21,33,43	9		9,805	5.20	510						
588267 VICTORIOUS RULER.....*		5	9	2-11,13	27	2.1	7,242	5.29	383	18	44	-430	+.04	-18	-26
10-26-59 581485 2223921 5-71					19		8,142	5.20	423						
588268 GOLDEN MISTER PINN.....		1	71	1-35	71	2.7	7,246	5.30	384	13	30	-154	.00	-8	-11
08-08-59 574676 2093401 5-71					34		7,644	5.39	412						
588305 MISTER PINN.....*		4	10	4-32,43,	15	2.2	8,152	5.09	415	11	30	-225	+.04	-8	-12
07-24-59 549122 1748752 5-71				47,87	20		8,925	4.97	444						
588312 VALIANT JESILEUS BAS.....*		2	14	1-71	22	2.5	8,827	5.17	456	6	33	+27	+.04	+5	+5
08-11-59 542372 1741785 5-71					18		8,733	5.04	440						
588316 DAYPECK PATTERN AIM.....*		1	19	1-43	19	3.1	9,312	5.37	500	11	27	-66	+.06	+2	0
12-04-59 552974 2046007 5-71					43		9,637	5.17	498						
588320 ADVANCER SLEEPING COMBINATION.*		8	12	5-23,31,	25	2.4	7,672	4.91	377	14	39	-180	-.05	-13	-15
09-23-59 573454 2123926 5-71				52,56,63	27		8,057	5.09	410						
588333 DESIGN FILLPAIL ROCKET.....*		6	17	5-13,14,	26	2.5	8,074	5.30	428	0	35	-31	+.05	+3	+2
07-02-59 585428 2340276 5-71				31,51,56	16		8,089	5.16	417						
588350 BUTTERNUT TRISTRAM LORD.....*	21-01	59	3	4-13,21,	101	2.5	8,089	5.44	440	24	85	-758	+.25	-18	-35
01-22-59 537169 2035404 5-71				55,56	18		9,002	5.15	464						
588352 DEER KNOLL VOLUNTEER LUOWIG...*		1	14	1-12	14	3.4	10,146	5.19	527	0	26	+89	+.05	+9	+10
04-12-59 540061 2252129 5-71					14		9,908	5.04	499						
588356 SIBLEY DESIGN DIAMOND KING MID*		2	13	2-14,55	17	3.1	7,819	5.15	403	13	30	-246	.00	-12	-16
12-01-59 552843 2148273 5-71					26		8,625	5.17	446						
588364 DESIGNERS BRAMPTON WONDERMAN..*		2	17	2-32,55	19	2.0	8,843	5.15	455	35	26	-36	-.01	-3	-3
10-12-58 554292 2277237 5-71					11		9,001	5.27	474						
588371 ST. MAWES VICTORS PRINCE.....*		1	40	1-42	40	2.5	10,317	4.87	502	8	28	+113	-.06	0	+3
02-26-59 544523 2072515 5-71					16		10,033	5.06	508						
588388 ALETTA GENERATION.....*		6	5	4-11,12,	15	3.9	11,138	4.72	526	0	43	+634	-.20	+13	+27
11-24-59 010124304 2167610 5-71				13,55	26		9,742	5.15	502						
588400 BRIARCLIFFS DANDY LAD.....*	11-01	37	2	3-11,12,	60	3.1	9,673	4.99	483	14	78	+3	-.04	-3	-2
07-20-59 502323 1513686 5-71				13	21		9,760	5.05	493						
588404 MAC SYBIL BROWNIE.....*		1	26	1-74	26	2.8	8,677	4.85	421	0	28	-90	-.01	-5	-6
11-23-59 502114 2224713 5-71					17		9,016	4.91	443						
588413 XENIAS DOUBLE VICTORY.....*		3	19	1-73	32	2.5	7,961	5.21	415	13	37	+10	-.04	-3	-2
05-08-59 577276 2044801 5-71					34		7,833	5.41	424						
588430 BASIL DANDY OF ROBINS REST....*		1	13	1-65	13	1.5	6,776	4.68	317	**	21	-168	+.02	-7	-10
11-28-59 570876 1913918 5-71					42		7,435	4.65	346						
588449 DESIGNING TWICE BASIL.....*		2	39	1-65	60	1.8	8,576	4.59	394	**	36	+106	-.06	0	+3
08-18-59 561512 1850917 5-71					64		8,216	4.72	388						
588462 BARLU JESTER CHIEF.....*		2	10	1-61	13	2.9	8,683	4.99	433	9	29	-229	+.02	-10	-14
08-02-59 534585 1419516 5-71					10		9,557	4.97	475						
588474 WINSOMES ROYAL BRUTUS.....*		8	6	2-14,21	27	2.9	10,752	4.93	530	0	52	+443	-.14	+9	+19
06-03-59 558206 1582165 5-71					12		10,014	5.19	520						
588487 COMMANDO PINN PET PATTERN.....*		2	24	1-63	26	2.2	6,093	4.83	294	14	27	-413	+.02	-19	-26
09-14-59 552974 2009642 5-71					16		7,464	4.82	360						
588500 MARLU MILESTONE SCEPTER.....*		1	16	1-33	16	3.8	8,699	5.02	437	0	28	+249	-.03	+10	+15
06-02-59 563805 1917801 5-71					6		7,695	5.16	397						
588501 MARLU MILESTONE WONDER.....*		1	26	1-21	26	3.0	10,051	4.97	500	**	28	+121	-.01	+5	+7
08-18-59 563805 2092116 5-71					7		9,705	5.03	488						
588502 MARLU MILESTONE FORTUNE.....*		2	50	2-74,85	61	2.7	9,708	4.78	464	3	34	-121	+.03	-3	-6
08-28-59 563805 1858262 5-71					39		10,206	4.69	479						
588504 MARLU BEACON MILESTONE.....*		6	14	3-13,21,	23	3.2	8,240	5.46	450	15	36	-243	+.16	+2	-5
09-06-59 563805 1733518 5-71				82	19		8,925	5.00	446						
588541 COMMANDO MASTERSON ACTOR.....*		2	25	1-74	50	3.0	5,767	4.73	273	18	43	-186	-.04	-13	-16
08-16-59 554190 1865217 5-71					54		5,905	4.91	290						
588558 MISTER PINNACLE BASIL.....*		1	11	1-35	11	1.6	6,646	5.51	366	40	21	-231	+.05	-7	-12
12-25-59 549122 1899917 5-71					5		7,638	5.25	401						
588597 SUNBEAM FAVORITE PINNACLE.....*		3	15	1-21	19	2.7	8,542	5.43	464	8	30	-144	+.08	0	-4
07-13-59 549122 1858259 5-71					10		9,052	5.17	468						
588641 MOROCCO JESTER BUTTERCUP.....*		7	2	3-42,56,	11	2.7	7,402	5.19	384	0	38	-116	+.05	-1	-4
07-05-59 571029 2060853 5-71				61	16		7,581	5.07	384						
588649 BLOSSOM ONYX LAD.....*		5	5	1-74	15	2.3	9,085	4.35	395	0	37	+163	-.15	-5	0
12-02-58 473215 2088701 5-71					18		8,619	4.72	407						
588666 FAIRMOUNT GENERATION GEORGE...*		2	9	1-21	12	4.0	9,158	4.76	436	0	29	+157	-.09	0	+4
10-14-58 010124304 010272271 5-71					12		8,596	5.06	435						
588706 MARLU MILKMAN ADVANCER.....*		2	40	1-32	42	2.5	8,533	5.61	479	41	29	-361	+.14	-6	-14
07-14-59 550331 1826073 5-71					6		9,899	5.15	510						
588733 MARLU MILESTONE BANNER.....*	61-02	77	12	15-31,32,	213	1.9	8,257	5.05	417	14	83	-371	+.02	-17	-24
12-18-59 563805 1968103 5-71				33,61,74	22		8,687	5.04	438						
588734 VIDS MR. PINN.....*		2	16	1-92	18	1.8	8,871	5.04	447	**	25	-240	+.02	-10	-15
11-15-58 524315 2180886 5-71					34		9,937	5.01	498						
588735 VIOS RECORD REGAL.....*		2	16	1-92	30	1.8	11,073	5.21	577	12	38	+264	+.05	+18	+22
10-06-59 520485 1661941 5-71					35		10,538	5.11	538						
588745 GIPSY BASIL WONDER ATLAS.....*		5	28	2-55,56	40	2.1	8,111	5.01	406	9	34	-134	+.01	-6	-8
01-10-60 516718 2225725 5-71					26		8,472	5.03	426						
588804 STAR LUKES ALPHA PRINCE.....*		6	13	3-13,21,	32	2.9	9,608	5.66	544	13	44	-1	+.17	+15	+12
06-02-59 466643 1950307 5-71				56	40		9,697	5.34	518						
588823 P.V.F. BRUNO ACE.....*		7	5	1-21	23	2.6	9,050	5.24	474	25	49	-252	+.12	-2	-8
01-26-60 475541 2038424 5-71					29		9,647	5.03	485						

REGISTRATION NUMBER / NAME / OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	DAUGHTERS AND HERDMATES: DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES: MILK	%	FAT	$$
588828 FAVORITE ETTA STAR.....*		6	8	5-31,34,	19	2.7	8,857	5.23	463	0	39	+105	+.03	+8	+9
01-17-60 565141 2076048 5-71				55,61,72	17		8,554	5.18	443						
588832 LAURINDALES MILKMAN.....*		2	6	1-63	10	1.6	4,846	5.24	254	50	25	-519	+.05	-22	-32
11-16-58 565313 2143616 5-71					55		6,676	4.99	333						
588834 MARLU MILESTONE JUPITER.....*	21-01	72	2	6-13,21,	121	3.1	9,258	5.15	477	15	88	+69	+.03	+6	+7
06-29-59 563805 1858255 5-71				23,55,56	19		9,216	5.13	473						
588841 SHADWELL SY8IL TRISTRAM.....*		2	9	1-12	11	3.2	10,808	5.06	547	**	27	+343	-.01	+16	+22
05-25-59 472114 1860680 5-71					23		9,619	5.11	492						
588848 8EULAHS VOLUNTEER.....*		2	8	1-13	11	3.5	9,630	5.12	493	0	28	+32	+.04	+5	+5
03-30-59 509855 1594107 5-71					14		9,590	5.01	480						
588850 ZEPHYRS SPARKLING 8ARNEY.....		1	26	1-33	26	2.8	8,746	5.48	479	25	28	-52	+.10	+6	+4
07-08-59 568358 1876339 5-71					9		8,947	5.11	457						
588876 ETTAS LYNN PRINCE.....*		1	27	1-43	27	1.9	8,970	5.24	470	20	26	-123	+.04	-3	-6
03-31-59 503535 1863704 5-71					44		9,512	5.14	489						
588877 STANDARD LORD ECHO.....*		1	22	1-92	22	1.6	10,098	5.04	509	23	24	+144	-.02	+5	+8
12-22-59 555157 1964507 5-71					16		9,559	5.17	494						
588888 EXTRA 8 RADAR.....*	63-02	23	3	4-55,56,	43	2.6	7,838	4.95	388	20	68	-424	+.03	-19	-27
06-09-54 475948 1503799 5-71				61,63	23		8,417	4.92	414						
588974 MILAOYS DESERT PATTERN.....	93-01	12	7	2-91,93	39	1.6	10,135	5.29	536	21	54	-133	+.08	0	-3
04-10-59 552974 2092108 5-71					42		10,354	5.19	548						
588996 NO8LE 08SERVER JESTER.....*		6	2	3-33,42,	11	2.0	7,590	4.73	359	33	36	-54	-.07	-9	-9
11-29-59 542372 1551216 5-71				57	13		7,620	4.99	380						
589000 SA8LES GOLOEN LAO.....*	91-13	73	5	10-81,82,	189	2.4	9,254	5.57	515	9	89	-381	+.43	+17	+4
06-19-59 580237 2188449 5-71				84,91,92	19		9,777	5.13	502						
589008 ADVANCING MASTER.....*		1	10	1-65	10	3.1	8,644	4.50	389	29	23	+125	-.06	+1	+4
03-30-59 577864 2155738 5-71					24		8,010	4.69	376						
589017 PARAMOUNT ROYAL ACME.....*		1	15	1-64	15	1.8	7,257	4.34	315	7	23	-327	-.02	-18	-23
12-12-59 582474 2006905 5-71					39		8,642	4.52	391						
589022 DESIGN 8ART AOVANCER.....*		1	13	1-73	13	3.5	10,529	4.52	476	0	26	+425	-.13	+9	+18
09-29-59 574279 2209864 5-71					19		8,905	4.94	440						
589027 NO8LE AIMS HEIR.....*		3	9	1-31	17	2.5	7,627	5.52	421	20	35	-100	+.10	+4	+1
04-05-59 542372 1637724 5-71					16		7,814	5.18	405						
589028 BASIL ETTA COMMANDO JESTER....*		10	4	7-23,31,	24	2.5	8,150	5.33	434	11	52	-539	+.14	-15	-26
11-20-59 570317 1609021 5-71				32,47,56	24		9,217	5.06	466						
589043 FAVORITE GOLDEN LAD.....*	91-11	18	4	6-35,41,	37	1.8	8,585	5.15	442	24	60	+36	+.04	+5	+5
10-01-59 574796 1650393 5-71				42,43,48	12		8,488	5.10	433						
589056 PROMOTERS SPARKLING CHAMPION..		6	3	3-35,42,	15	2.3	7,855	5.05	397	**	43	+211	-.03	+8	+12
12-14-57 532884 1541514 5-71				84	24		7,194	5.14	370						
589069 MARLU MILAO.....*	35-75	78	11	26-22,32,	162	1.9	9,960	5.32	530	8	80	-72	+.09	+4	+1
11-01-59 584285 1726368 5-71				57,65,74	29		10,185	5.24	534						
589076 TOREADOR SLEEPING PRINCE.....*		2	31	2-31,61	33	2.9	7,942	4.85	385	10	30	-225	-.01	-12	-16
04-19-59 572513 2128504 5-71					19		8,693	4.92	428						
589110 CHAMPIONS TRISTRAM STANDARO...*	31-02	18	7	5-31,32,	38	2.6	8,641	5.20	449	13	57	+71	+.09	+12	+12
04-12-60 519828 1823982 5-71				51,92,93	29		8,479	5.02	426						
589114 8ILTMORE WONDERFUL FOX.....*		9	4	2-55,74	25	2.4	7,908	4.78	378	20	53	+43	-.02	0	+1
10-29-59 466643 1720933 5-71					48		7,713	4.84	373						
589128 LORD BAS JULIUS.....*		1	25	1-21	25	2.1	7,512	4.71	354	6	26	-76	.00	-4	-5
08-10-59 577298 1982606 5-71					17		7,688	4.76	366						
589130 8RAMPTON JOLLYS PRIDE.....*		3	9	1-34	12	1.8	9,364	4.78	448	20	26	+138	-.08	0	+4
09-10-59 565303 2062583 5-71					15		8,827	5.09	449						
589136 STYLIST OF MARLU.....*		26	3	15-22,23,	42	3.0	10,293	5.11	526	12	70	+535	-.04	+23	+33
06-10-59 596501 010061024 5-71				41,56,65	31		9,605	5.18	498						
589166 SECRET TWINKLING VICTOR.....	91-11	25	9	14-23,42,	94	2.3	9,649	5.10	492	8	74	+601	-.02	+28	+39
11-07-59 497574 1682914 5-71				58,84,92	17		8,829	5.15	455						
589185 SUPREMES SIGNALMAN 8UDDY.....*		2	10	1-82	12	1.3	8,913	5.03	448	**	22	+188	-.04	+6	+10
05-04-59 556095 1782202 5-71					30		7,956	5.24	417						
589199 MARLU MILADY CHARMER.....*		6	5	1-65	16	3.4	8,122	4.97	404	8	44	+234	+.05	+16	+19
07-12-59 552974 2128382 5-71					29		7,447	4.82	359						
589203 RECORDS AIMING STARFINDER.....*		3	7	1-43	10	1.8	8,212	5.03	413	50	24	-26	-.01	-2	-2
04-10-60 520485 2154616 1-71					19		8,266	5.13	424						
589218 PORTLAND ARTIST.....*		2	12	2-15,32	14	2.3	8,009	5.22	418	7	26	-119	-.03	-9	-11
01-03-60 516718 1580518 5-71					11		8,424	5.41	456						
589250 ALTA SA8LES DELLA VICTORY.....		1	16	1-93	16	1.9	9,217	4.78	441	22	23	+121	-.02	+4	+6
01-28-60 574742 1987220 5-71					126		8,680	4.88	424						
589274 GALAXY CASUAL J.8. SKIPPER....*		2	10	1-13	19	2.3	7,921	5.31	421	44	35	-229	+.07	-5	-10
11-22-59 542372 2111902 5-71					15		8,550	5.13	439						
589275 GALAXY NO8LE CAPTAIN.....*		3	13	1-13	26	2.7	8,103	5.27	427	27	39	-162	+.05	-4	-8
11-24-59 542372 1665519 5-71					13		8,481	5.16	438						
589281 MILKMAN SANDPIPER.....*		2	21	1-23	23	3.6	9,374	4.61	432	17	29	+131	-.15	-7	-2
01-16-60 568208 1975152 5-71					14		8,935	5.15	460						
589319 CAMPBELLS 8ILTMORE 8ERT.....*		1	12	1-55	12	2.8	6,063	4.78	290	25	24	-267	+.03	-11	-16
08-10-59 552593 1821093 5-71					10		7,000	4.71	330						
589338 JESTER NO8LE SPARKLING AIM....*		6	6	3-43,47,	18	2.6	9,059	5.10	462	0	40	+120	+.04	+10	+11
09-01-59 542372 1508546 5-71				48	16		8,748	4.97	435						
589342 NAN IRMAS SA8LE PRIZE.....*		3	9	1-91	13	2.6	8,540	5.69	486	36	28	-140	+.07	-1	-4
08-15-59 574748 1561295 5-71					21		9,070	5.51	500						
589354 SUES JESTER BASIL OESIGN.....*		1	20	1-31	20	2.5	9,304	5.15	479	7	26	-4	-.03	-3	-3
11-09-59 531342 1973270 5-71					13		9,377	5.32	499						
589361 JESTER SPARKLE JESTER.....*		1	21	1-64	21	3.1	7,493	4.86	364	17	27	-161	+.02	-6	-9
09-18-59 554758 1468714 5-71					16		8,007	4.80	384						
589386 DESERT ETTA STAR.....*		7	34	5-31,48,	48	2.2	10,052	4.93	496	26	34	+43	+.05	+7	+7
01-20-60 565141 1914086 5-71				64,86,92	16		10,045	4.78	480						
589390 IMP. ITASKAS FILLPAIL REVIVER.*	51-02	78	6	19-23,51,	174	2.7	8,340	5.17	431	18	87	-170	+.07	-2	-6
12-15-59 010008611 010057693 5-71				54,56,72	23		8,501	5.09	433						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST REPT INC	%	PREDICTED DIFFERENCES MILK	%	FAT	$$
589399 GOLDEN RIDGE ATLAS FAVORITE...*		2	15	1-11	17	3.6	9,755	4.86	474	6	29		+136	-.03	+4	+7
09-27-59 502323 1961002 5-71					24		9,336	4.94	461							
589430 WASHINGTON SECRET ARMY.....*		1	23	1-23	23	3.2	9,395	5.17	486	5	28		+104	.00	+5	+7
02-23-60 546354 2055249 5-71					25		9,042	5.22	472							
589448 ADVANCE PRINCE TYRONE.....*		3	15	2-31,74	22	3.0	8,681	4.68	406	15	34		-81	-.07	-10	-10
05-26-59 520051 1941728 5-71					19		8,933	4.93	440							
589477 8ROADMOOR LI8ERATOR.....*	11-01	49	3	3-11,12,	106	2.7	9,550	5.03	480	15	84		+213	-.04	+7	+11
12-14-59 010124304 2093213 5-71				13	22		9,346	5.08	475							
589479 FIELDCREST PINN 8ASILEUS PRIMO*		2	7	1-74	12	2.7	5,132	4.77	245	17	31		-314	.0D	-16	-21
12-18-59 525658 1572423 5-71					64		5,835	4.88	285							
589487 FAIR-WEATHER LOTTA RULER.....*		4	11	2-21,56	20	1.7	9,192	5.08	467	**	33		-49	+.02	-1	-2
09-28-59 581485 1847034 5-71					39		9,400	5.06	476							
589497 AM8ASSADOR RU8YS PRINCE.....*	21-10	29	3	2-13,21	52	3.0	8,945	4.96	444	13	73		-135	-.12	-17	-18
10-27-59 571911 2261161 5-71					20		9,162	5.14	471							
589503 LA PINE STANDARD GUIDE.....*		4	4	1-92	12	1.6	9,854	5.48	540	**	32		+1	+.09	+8	+7
02-19-60 558330 1797349 5-71					20		9,962	5.25	523							
589507 MAGNOLIA DIAMOND SPADE.....		2	8	2-72,91	10	1.0	6,177	4.91	303	22	2D		-288	+.02	-13	-18
04-30-60 571319 2230282 5-71					5		7,528	4.85	365							
589538 MAGIC PATRICK.....*		1	18	1-13	18	2.5	9,547	5.00	477	22	25		-125	+.03	-4	-7
06-14-59 577209 1900620 5-71					34		10,177	4.92	501							
589555 8RAMPTON DESIGN STANDARD RADAR*		2	11	1-82	20	3.8	8,153	5.09	415	0	38		-31	-.01	-2	-2
06-18-59 518988 1905599 5-71					12		8,168	5.14	42D							
589562 PINN FAVORITE SON.....*		11	38	5-12,52,	66	2.5	8,188	5.34	437	9	40		-279	+.09	-6	-12
09-20-59 549122 2066323 5-71				55,56,57	100		8,888	5.12	455							
589625 MARLU LEADING VISITOR.....*		3	8	1-41	19	2.4	7,405	5.21	386	22	38		-322	+.04	-13	-19
01-16-60 584285 2187383 5-71					12		8,195	5.15	422							
589634 TAYLORS JANES CHAMPION.....*	31-02	6	9	2-55,56	22	1.6	10,174	4.61	469	14	37		+372	-.12	+8	+16
01-27-60 537666 1626358 5-71					38		9,187	4.88	448							
589636 GIL-8AR JESTER CAROM.....*		4	32	2-35,42	48	1.9	7,256	5.09	369	24	35		-329	-.08	-23	-28
12-26-59 558413 1835152 5-71					14		8,140	5.39	439							
589641 HUTCHINSON FARM DUKE.....*		6	5	2-13,55	18	3.1	9,573	5.06	484	13	43		+10	-.06	-5	-4
12-15-59 552535 1989133 5-71					19		9,628	5.22	503							
589654 COMMANDO ADVANCER CITATION....*		6	7	2-31,65	15	2.5	7,182	5.22	375	8	35		-406	+.04	-17	-25
12-15-59 542372 2068838 5-71					22		8,277	5.11	423							
589656 ADVANCER MARIEKAS COMMANDO....*		1	15	1-61	15	3.7	7,604	4.46	339	0	27		+167	-.06	+3	+7
07-12-59 534585 2092697 5-71					13		6,788	4.66	316							
589696 8EACON BASIL 8ULLSEYE.....*		10	1	6-21,31,	12	2.2	6,286	5.36	337	0	43		-690	+.10	-26	-39
12-17-59 531342 2224034 5-71				55,57,65	24		7,791	5.08	396							
589703 HI-LAND SY8IL COMMANDO ADMIRAL*		4	5	1-21	12	2.8	9,680	5.23	506	0	34		+147	+.03	+10	+12
10-25-59 552974 2148418 5-71					31		9,292	5.17	480							
589715 SNOWFLAKES WONDROUS JESTER....*		3	8	1-23	11	1.7	6,057	5.53	335	56	24		-391	+.09	-12	-20
10-28-59 554758 2209580 5-71					5		7,568	5.09	385							
589728 ACMES GENERATION.....*		4	17	1-64	29	2.8	8,846	4.69	415	8	37		+186	-.06	+4	+8
07-30-59 010124304 2280462 5-71					87		8,290	4.84	401							
589729 RECOROS GOLDEN GENERATION.....*		5	4	3-35,58,	11	2.6	8,202	4.71	386	0	34		+222	-.09	+3	+8
08-13-59 010124304 1707794 5-71				64	38		7,409	4.99	370							
589733 STANDARD VOLUNTEER JEST.....*		4	6	2-41,43	19	3.0	10,330	5.12	529	0	43		-93	+.05	0	-2
10-11-59 526611 1953313 5-71					31		10,738	5.01	538							
589746 SY8IL GENERATION PROFESSOR....*		7	6	3-12,13,	23	3.5	9,828	5.12	503	11	49		+177	-.01	+8	+11
12-20-59 010124304 2055362 5-71				55	16		9,535	5.16	492							
589759 LEADERS JESTER 8AR8ER.....*	35-75	87	8	28-13,57,	246	1.4	8,619	5.06	436	22	87		-596	+.06	-25	-36
10-16-59 567370 2225903 5-71				58,65,87	27		9,355	5.01	469							
589768 8ILLYCREEK PRINCE WILLIAM M...*		1	37	1-57	37	3.2	7,882	5.D9	401	6	30		-93	-.03	-7	-8
12-04-58 571911 2034442 5-71					13		8,124	5.24	426							
589770 UNA DESIGN RULER.....*		5	9	1-61	22	3.0	8,134	5.04	410	11	41		0	-.02	-2	-2
01-02-59 010008696 010061736 5-71					13		8,053	5.15	415							
589772 IMP. PAULINES FILLPAIL RULER..*		8	43	3-16,31,	90	2.4	8,823	4.74	418	11	45		+330	-.05	+12	+19
01-05-58 581485 010059790 5-71				64	89		8,002	4.82	386							
589782 WETHERELL KITTYS KING.....*		5	6	3-31,55,	21	2.1	7,900	5.18	409	18	43		-181	+.02	-7	-11
07-07-59 557572 1779727 5-71				65	24		8,263	5.17	427							
589815 8RAMPTON COLUMBUS DREAMER.....*		1	23	1-35	23	3.0	7,439	4.87	362	5	28		-106	-.08	-12	-13
01-13-60 010128409 010292101 5-71					29		7,707	5.25	405							
589820 ADVANCER DESIGNS DUKE.....*		1	19	1-31	19	3.4	8,868	4.82	427	10	28		+176	-.04	+5	+9
05-24-59 575678 1650680 5-71					7		8,163	4.99	407							
589842 MARAVIEW SLEEPING PANSY PRIDE.*		3	15	3-33,57,	19	3.0	8,664	5.D7	439	18	29		-104	+.D4	-2	-4
08-14-59 534585 1852642 5-71				61	19		9,040	4.98	45D							
589860 RUSH DOUBLE DREAMER.....*		2	11	2-21,33	13	2.3	7,730	5.61	434	8	26		-187	+.10	-1	-6
11-10-59 563978 2039137 5-71					22		8,413	5.25	442							
589870 THERESAS 8RAMPTON C.8.....*		3	7	1-34	10	1.5	8,551	4.82	412	25	24		-37	-.04	-5	-5
07-04-59 010121754 2328840 5-71					43		8,695	5.05	439							
589874 SIGNAL SY8IL COMMANDOS LAD....*		3	25	3-55,56,	29	2.3	10,208	4.92	502	10	29		-30	+.02	0	-1
03-11-60 537552 2027746 5-71				65	59		10,475	4.90	513							
589887 ITASKAS NOBLE SLEEPER.....*		3	6	2-55,58	11	1.9	9,036	4.59	415	**	28		-50	-.01	-3	-4
10-21-59 581485 1810692 5-71					12		9,258	4.61	427							
589919 ADVANCER LADS 8ART BLONDE.....*		1	22	1-42	22	2.0	6,905	4.4D	304	19	25		-52	-.05	-7	-7
03-11-60 469101 1834363 5-71					7		6,919	4.70	325							
589928 JOHNNYS GOLDEN ETTA STAR.....*		12	4	5-31,42,	30	2.6	9,240	4.79	443	16	56		+283	-.16	0	+7
03-17-59 565141 1876480 5-71				51,55,61	15		8,726	5.08	443							
589929 BASIL LUCY VICTORY DESIGN LAD.*		3	19	1-31	26	3.5	9,208	4.94	455	8	34		+53	-.07	-4	-2
08-02-59 568040 1776317 5-71					12		9,D75	5.19	471							
589933 DANOY SY8IL DESIGN MAJESTY....*		1	18	1-65	18	2.2	7,231	4.66	337	**	25		-79	+.01	-3	-5
12-11-59 570876 2072724 5-71					40		7,404	4.66	345							
589939 ACME JESTER LAD.....		2	10	1-34	12	2.9	8,459	5.31	449	22	26		-122	+.02	-4	-6
09-03-59 569636 2257810 5-71					28		8,939	5.25	469							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
589943 COUNT BJA.....*	91-13	41	3	4-43,88,	86	2.3	8,830	5.41	478	20	81	-635	+.22	-14	-28
11-12-59 528332 1623579 5-71				91,92	21		9,703	5.17	502						
589944 BINDLES ACE.....*		5	6	2-61,63	15	1.3	7,749	4.96	384	**	32	-15	+.01	0	0
02-25-60 521704 1726385 5-71					16		7,680	4.95	380						
589964 TRIUMPHS CECIL PLAYBOY.....*		3	9	1-52	20	2.1	8,664	5.03	436	20	36	-20	.00	-1	-1
04-19-60 565028 2010288 5-71					27		8,708	5.06	441						
589999 MARIAS RADAR.....*		2	26	1-42	28	2.1	7,051	5.13	362	20	28	-1	+.05	+4	+3
09-06-59 499207 2059475 5-71					4		6,859	4.93	338						
590016 BRAMPTON DESIGN RECORDS.....		1	26	1-74	26	1.7	8,053	4.82	388	**	25	-169	+.07	-2	-6
10-21-59 520485 1874944 5-71					19		8,721	4.54	396						
590132 WALLFLOWER GIVIA GOLD.....*		3	11	3-32,63,	15	1.8	7,347	5.21	383	29	26	-78	+.06	+1	-1
09-25-59 581720 2263736 5-71				64	13		7,519	4.95	372						
590165 TENN WAR BREAD D I C LAD.....*	61-02	7	33	1-63	51	1.8	12,707	4.74	602	16	34	+330	-.07	+10	+17
04-18-60 535058 2067708 5-71					54		12,056	4.87	587						
590182 BELLE BEACON BASIL.....*		1	12	1-34	12	4.6	7,403	5.34	395	0	27	-187	+.04	-6	-10
03-26-59 554902 1986670 5-71					9		8,029	5.24	421						
590194 CHAMPIONS CLOVERPATCH.....*		1	16	1-91	16	2.4	10,408	5.63	586	15	25	+252	+.09	+21	+24
01-25-60 565027 2175251 5-71					9		9,462	5.38	509						
590208 GEMS BRAVO NICK.....*		3	11	2-82,86	20	1.9	7,325	4.89	358	40	33	-367	-.05	-23	-29
02-06-58 564823 1899827 1-71					13		8,398	5.10	428						
590218 BEACON TEFFIA CHARLABOY.....*		3	8	3-31,61,	11	2.8	7,897	5.00	395	0	28	-17	-.04	-4	-4
04-15-59 564158 1661186 5-71				74	13		7,862	5.19	408						
590225 UCONN DREAMING OXFORD.....*		4	5	2-16,87	10	2.1	10,708	5.11	547	10	28	+383	-.06	+14	+22
03-07-60 538211 1923749 5-71					7		9,411	5.34	503						
590245 SUN RISE SYBIL BEACON JIM.....*		1	15	1-13	15	4.0	8,043	5.10	410	0	28	-87	+.04	-1	-3
12-19-59 540061 2368091 5-71					14		8,308	5.00	415						
590247 SUNBEAM MASTER PINN.....		2	55	1-13	57	2.4	7,429	4.90	364	22	29	-142	-.06	-12	-14
12-15-59 549122 1941702 5-71					16		7,819	5.17	404						
590281 BERRYS PRINCE AIM.....*		1	25	1-57	25	1.8	7,268	5.52	401	38	25	-285	+.03	-12	-17
01-31-60 542372 2023121 5-71					65		8,364	5.42	453						
590286 MASTERMAN PROUD STATESMAN.....*		1	30	1-65	30	1.7	7,354	4.62	340	**	25	-46	-.01	-3	-4
07-28-59 580986 2226240 5-71					38		7,393	4.67	345						
590306 BEACON PINN JESTERMAN.....		2	13	1-82	17	2.8	9,029	5.13	463	21	29	-78	.00	-4	-5
09-16-59 570537 2100406 5-71					10		9,346	5.17	483						
590317 NANCYS SLEEPING ADVANCER.....*	33-03	12	14	6-31,32,	60	1.9	10,464	5.06	530	11	56	+366	+.05	+23	+29
09-21-59 534585 1885524 5-71				42,63,93	28		9,910	4.97	493						
590318 WONDERFUL PAMSON.....*	35-75	26	10	12-31,64,	82	1.8	9,413	4.49	423	12	67	+279	-.17	-2	+6
02-07-60 534585 1755015 5-71				74,82,86	51		9,010	4.72	425						
590334 TEFFIA SPARKLING J. AIM.....*		1	24	1-48	24	1.8	7,661	4.79	367	13	25	-92	-.06	-10	-11
08-21-59 561503 2094435 5-71					9		7,936	5.14	408						
590345 MARLU ANSOM EMBLEM.....*	21-01	66	3	7-11,12,	110	2.5	8,678	5.09	442	17	86	-481	.00	-24	-32
06-10-60 584285 2195904 5-71				13,16,21	21		9,283	5.11	474						
590346 MARLU WONDERFUL ANSOM.....		6	27	2-13,55	49	2.3	8,162	5.48	447	7	40	-63	+.09	+5	+3
02-28-60 584285 1769543 5-71					15		8,262	5.24	433						
590361 BEACON DOUBLE NOBLE.....*		1	29	1-57	29	3.1	8,499	4.84	411	8	29	+181	-.03	+6	+10
11-29-59 563859 1443547 5-71					15		7,765	4.93	383						
590392 MILESTONE BASILEUS PINN.....*		1	30	1-48	30	2.5	5,926	4.89	290	20	28	-416	+.02	-19	-27
09-08-59 577026 1862684 5-71					5		7,261	4.88	354						
590407 WELCOME MAY BELLE PROSPECTOR T		1	13	1-21	13	3.2	7,533	4.85	365	11	25	-107	.00	-5	-7
03-04-58 523023 1698051 5-71					9		7,878	4.89	385						
590419 BLONDE DESIGN OF ARGYLE.....*		2	15	1-91	17	2.2	7,581	5.59	424	36	26	-220	+.03	-8	-12
04-22-58 517551 1854237 5-71					7		8,374	5.51	461						
590467 FERNDALE ADVANCER BART.....*		2	14	1-72	22	2.4	7,882	4.54	358	0	33	-130	-.02	-8	-10
03-24-59 580787 1887942 5-71					74		8,215	4.61	379						
590473 MILKMANS WARD DESIGN.....*		5	3	2-61,63	13	1.8	6,328	4.91	311	**	37	-437	+.02	-20	-28
03-26-59 565313 2143614 5-71					10		7,371	4.90	361						
590474 OHIO ADVANCERS PRINCE.....*		6	7	2-31,34	19	3.0	8,573	4.67	400	24	40	-57	-.14	-15	-14
12-18-58 566200 2081233 5-71					14		8,705	5.04	439						
590479 ETTAS FASHION PRINCE.....*		8	2	2-23,31	14	2.2	8,263	5.00	413	18	43	-152	+.02	-6	-9
04-09-60 571911 2123638 5-71					12		8,589	4.97	427						
590494 COMMANDO ADVANCER POMP.....*		1	23	1-63	23	2.1	6,328	5.09	322	**	26	-184	+.01	-8	-11
01-23-60 493979 1783612 5-71					52		6,827	5.07	346						
590519 DON HEAD SUMMER LINE.....*		3	16	2-23,34	26	3.4	8,562	5.45	467	0	37	+23	+.09	+9	+8
11-12-58 010124304 010292956 5-71					9		8,459	5.23	442						
590527 ADVANCERS CARRYON.....*		15	6	8-23,31,	29	2.3	8,300	5.30	440	27	52	-390	+.09	-12	-20
08-17-60 586676 1929331 5-71				32,35,61	21		9,067	5.16	468						
590592 COMMANDO ROYAL PET OXFORD.....*		3	4	1-65	10	1.3	5,339	5.00	267	0	27	-395	+.04	-16	-24
02-01-60 567063 1964941 1-71					7		6,567	4.80	315						
590598 HEARTY LOUISES RULER.....*		9	13	6-31,35,	29	2.4	7,376	5.11	377	18	41	-387	.00	-19	-26
01-28-60 010009016 2337358 5-71				41,42,43	19		8,274	5.14	425						
590607 FASHION LEADERS LORD BASIL.....*		2	22	2-32,65	24	3.2	6,064	5.23	317	5	30	-355	+.04	-14	-21
09-28-59 567370 2182475 5-71					12		7,092	5.09	361						
590625 GOLD RING MONARCH.....*		2	24	2-52,58	28	2.1	9,685	5.22	506	46	28	-183	+.04	-6	-10
02-08-60 564209 1994290 5-71					52		10,496	5.16	542						
590634 FINANCIER DESIGNER.....*		2	10	1-65	13	2.2	7,856	4.76	374	**	27	-104	+.03	-3	-5
01-23-60 561512 1810528 5-71					73		8,172	4.69	383						
590636 PINNACLE BASIL LADDIE.....*		3	6	1-65	11	1.8	7,767	4.89	380	**	28	-1	+.03	+3	+2
05-29-60 561512 1585856 5-71					68		7,655	4.70	360						
590682 MR. ALL JERSEY.....*		4	13	2-55,56	32	2.6	9,294	5.19	482	3	43	+125	.00	+6	+8
07-30-60 557868 1810139 5-71					28		9,021	5.21	470						
590691 DANDYMAC BEACON GOLD RING.....*		4	34	2-23,56	43	3.0	9,361	4.71	441	8	34	+116	-.10	-3	+1
10-03-59 574372 2049513 5-71					14		9,035	5.01	453						
590697 SIGNAL GEORGIC LAD.....*		3	37	1-35	43	2.4	6,544	5.03	329	**	31	-389	-.01	-20	-27
09-28-59 550285 2143738 5-71					8		7,707	5.10	393						

REGISTRATION NUMBER / NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	%	FAT	%	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
590700 MARLU ANSOM MILESTONE.....*		3	18	1-31	22	2.6	7,679	4.95	380		5	30	-58	+.01	-2	-3
12-06-59 584285 2226835 5-71					11		7,768	4.93	383							
590734 MARLU MILESTONE OUKE.....*		2	11	2-31,57	16	2.3	6,182	5.58	345		23	29	-423	+.09	-14	-23
03-13-60 563805 1994840 5-71					17		7,499	5.20	390							
590737 CARTAGENA ADVANCER CORALAD....*		4	12	2-91,92	23	3.0	9,426	5.15	485	**	39		-126	+.03	-4	-7
01-13-59 559861 2181876 5-71					38		9,852	5.13	505							
590751 WASHINGTON WELCOME LION.....*		1	26	1-21	26	4.0	6,592	4.82	318		4	30	0	-.06	-5	-4
10-26-59 546354 1609141 5-71					10		6,341	5.14	326							
590777 WONDERFUL ETTA COMBINATION....*	91-11	7	21	3-35,42,	33	3.3	8,867	4.83	428		13	38	+20	-.09	-7	-5
08-23-59 573454 1631376 5-71				43	13		8,810	5.11	450							
590781 TOREADOR BELL RECORDS.....*		8	2	5-23,31,	13	2.5	8,337	5.31	443		22	43	-106	+.11	+4	+1
04-06-60 520485 2128504 5-71				34,61,63	16		8,557	5.05	432							
590804 SHINING SYBIL PROMOTER.....*		4	12	2-42,46	28	2.5	9,889	5.29	523		13	43	+208	+.09	+19	+21
09-29-59 529947 2118992 5-71					23		9,461	5.09	482							
590811 SIBLEY STAR DESIGN MASSASOIT..*		10	1	6-12,13,	10	3.3	8,791	4.94	434		17	42	-165	.00	-8	-11
09-25-59 530489 2089462 5-71				14,21,56	18		9,224	4.94	456							
590842 BILTMORE SECRET PLAYBOY.....*		7	2	2-55,56	10	2.6	7,815	5.07	396		30	36	-211	+.06	-5	-10
02-12-60 497574 2032411 5-71					46		8,349	4.89	408							
590857 OXFORDS SYBIL NOBLEMAN.....*		4	4	1-48	11	2.3	8,928	5.07	453		11	33	+212	-.04	+7	+11
01-30-60 546088 2119333 5-71					19		8,230	5.22	430							
590877 MISTER JESTER BOY.....*		2	10	2-32,34	17	3.1	8,769	5.12	449		8	34	-109	+.07	+1	-2
03-11-60 549122 1535136 5-71					22		9,116	4.88	445							
590878 GOLDEN COMMANOO LAD.....*		1	19	1-32	19	2.8	7,312	5.13	375		11	27	+21	.00	+1	+1
04-04-60 574676 2050163 5-71					17		7,054	5.17	365							
590895 CHAMPIONS TRISTRAM PAYMASTER..*	23-05	9	1	1-23	11	2.6	9,109	5.08	463		18	41	+5	.00	0	0
09-05-60 519828 1796086 5-71					15		9,124	5.14	469							
590917 JUNE AND JEANIES BROTHER.....*		10	8	5-31,41,	27	2.3	9,158	5.00	458		5	47	-79	-.02	-6	-7
10-03-59 531342 1557314 5-71				42,55,72	18		9,382	5.08	477							
590929 TWINBROOK NOBLE BRUCE.....*		11	5	6-11,13,	29	2.5	9,520	5.13	488		15	55	-33	+.01	-1	-2
01-31-60 546137 1907107 5-71				14,16,21	49		9,662	5.15	498							
590930 NELLY PINN.....*		2	29	1-93	31	1.8	10,436	5.44	568		8	27	-58	+.08	+4	+2
04-25-60 531795 1915795 5-71					36		10,857	5.21	566							
590935 OANOY JIM.....	21-10	43	2	7-12,13,	71	2.6	9,855	4.81	474		16	80	+408	-.22	0	+11
11-29-59 578890 2183921 5-71				14,16,55	15		9,400	5.09	478							
590942 BASIL VOLUNTEER REX.....*		2	8	1-43	11	3.6	9,347	4.77	446		11	28	+138	-.04	+3	+6
10-15-59 506697 2205371 5-71					21		8,860	4.90	434							
590961 ADVANCER MODEL HANOSOME OF OZ.*		4	12	1-41	27	2.7	8,116	5.99	486		20	40	-496	+.21	-7	-19
04-06-60 469101 2100659 5-71					9		9,409	5.46	514							
590966 ALL AMERICAN MIKE.....*		3	11	1-74	17	1.2	9,550	4.95	473		0	27	+69	-.01	+3	+4
10-19-60 569735 2017445 5-71					32		9,346	4.95	463							
591012 FAVORITE MARLU DESIGN.....*		3	32	1-56	38	2.8	9,910	5.21	516		3	32	-125	.00	-6	-8
10-08-60 577027 2174522 5-71					83		10,464	5.23	547							
591030 VICTORYS OREGONIAN.....*		3	19	2-86,92	23	1.8	9,277	4.75	441	**		28	-129	+.04	-3	-6
11-06-59 580237 2188451 5-71					48		9,850	4.64	457							
591042 WINSOME OANOY ROYAL.....*		3	14	2-42,43	19	2.6	7,831	5.44	426		11	31	-183	+.04	-6	-10
04-15-60 559355 1771510 5-71					13		8,373	5.35	448							
591068 ALPINE JESTER ARISTOCRAT.....*		1	16	1-58	16	2.5	6,228	5.01	312		8	25	-140	+.03	-4	-7
11-03-59 525856 1961567 1-71					58		6,562	4.89	321							
591110 JESTER GOLDEN COMMANOO.....*		4	19	2-84,92	24	1.4	8,519	4.91	418		**	27	-114	+.01	-5	-7
12-06-59 574676 2077838 5-71					22		8,960	4.91	440							
591117 MAGNOLIA ADVANCER STAN.....*		3	10	1-57	14	2.0	7,137	5.17	369		**	27	-345	+.05	-13	-20
03-03-53 527584 1275187 5-71					17		8,370	5.01	419							
591118 BASIL PRINCE SIR STANDARD.....*		2	10	1-57	12	2.0	8,042	5.04	405		**	24	-77	+.01	-3	-4
04-02-56 446754 1510672 5-71					19		8,316	5.05	420							
591130 DOUGHTY ROSE STAR.....*		11	2	4-23,31,	17	1.8	9,325	5.12	477		**	48	+110	+.06	+11	+12
05-05-60 565141 2281180 5-71				34,55	20		9,121	5.00	456							
591131 DREAMING STARS LADDIE.....	35-75	101	9	24-65,82,	333	2.2	9,766	5.20	508		11	91	+205	+.10	+19	+21
05-21-55 455708 1290798 5-71				87,92,93	29		9,616	5.12	492							
591146 LEADER L.C. NOBLEMAN.....*		2	20	1-43	22	2.6	8,826	4.66	411		17	28	+34	-.02	0	+1
02-20-60 567370 2143109 5-71					20		8,689	4.72	410							
591147 LEADER SOPHIA SIR.....*	33-03	99	3	30-13,21,	164	2.3	9,003	5.03	453		10	89	+289	-.03	+12	+17
02-28-60 567370 1505315 5-71				42,43,55	21		8,661	5.07	439							
591148 LEADER L.C. SOPHIA.....*	35-75	1	22	1-33	22	2.7	10,399	5.67	590		0	27	+445	+.07	+29	+36
05-22-60 567370 2143115 1-71					11		8,755	5.59	489							
591149 LEADER BELLE BASIL.....*	31-02	26	13	11-31,43,	79	1.6	10,220	4.88	499		16	62	+146	-.01	+6	+9
06-08-60 567370 2055164 5-71				56,65,72	27		10,111	4.89	494							
591153 ADVANCER SLEEPING RADAR.....*		9	21	4-35,41,	37	2.7	7,000	5.33	373		17	38	-400	+.11	-11	-20
10-05-59 534585 1868050 5-71				63,72	24		7,956	5.04	401							
591158 PLAINVIEW OXFORDS ROCKET.....*	63-03	7	2	1-63	12	2.0	7,873	5.03	396		22	39	-233	+.03	-9	-14
03-17-60 585428 1774667 5-71					16		8,425	4.96	418							
591173 SYBIL FAMOUS BEN.....		1	15	1-23	15	3.7	8,743	5.18	453		36	26	-170	+.06	-3	-7
08-01-58 474007 1710862 9-70					48		9,474	4.98	472							
591179 HEADMAN OXFORDS LEADER.....*		1	35	1-56	35	2.7	11,205	4.38	491		3	29	+453	-.13	+11	+21
05-15-60 539252 1728247 5-71					55		9,717	4.66	453							
591184 FILLPAIL WONDROUS JESTER.....*		2	9	1-65	12	2.9	8,841	5.07	448		0	29	-183	+.04	-6	-10
07-03-60 546993 1994386 5-71					65		9,545	4.98	475							
591202 COMMANOO DANOY SIR.....		1	30	1-71	30	2.6	8,514	4.94	421		17	28	-244	+.03	-10	-15
11-15-59 574189 2120368 5-71					10		9,450	4.88	461							
591213 FAIR-WEATHER SUPERB REGAL.....*		5	7	2-14,21	13	3.2	8,265	5.34	441		8	33	-184	+.04	-6	-10
11-18-59 553904 2151384 5-71					91		8,827	5.28	466							
591214 DUART SECRET LEADER.....*		2	9	1-21	17	3.0	10,272	4.99	513		8	37	+291	-.09	+6	+13
02-04-60 497574 2330593 5-71					34		9,543	5.28	504							
591216 PATHFINDERS SPARKLING SIR.....*		3	25	1-52	51	2.0	7,954	5.13	408		15	42	-207	+.03	-8	-12
11-07-60 557868 2233395 5-71					31		8,409	5.09	428							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
591222 MAC IMP. NATALIE SURVILLE RULE*		9	4	2-92,93	19	1.8	8,844	5.00	442	**	45	-346	-.02	-19	-25
07-02-60 010009081 010063910 5-71					27		9,706	5.07	492						
591226 POLLED BRIMFULL MASTER STATESM*		1	32	1-74	32	2.4	9,543	4.56	435	17	28	+46	+.01	+3	+4
05-22-60 5619B9 2072542 5-71					20		9,436	4.49	424						
59123B ETTA STAR.....*		1	10	1-31	10	3.1	8,700	4.82	419	0	24	-133	-.05	-11	-13
08-27-60 565141 1741451 5-71					10		9,299	5.07	471						
591239 KING B.....*		22	12	13-23,31,	61	2.0	8,645	4.89	423	4	59	-12	-.03	-3	-3
10-04-60 531342 2108217 5-71				33,34,5B	41		8,647	4.95	428						
591253 DRACONIS ETTAS THUNDER.....*		1	26	1-91	26	2.7	8,411	4.86	409	4	28	-147	-.06	-13	-15
10-14-60 578308 2039775 5-71					20		8,953	5.14	460						
591265 DANDYS HAMPTONNE LEADER.....*		1	16	1-65	16	1.9	6,930	4.63	321	13	24	-172	.00	-9	-12
09-08-60 570876 2064055 5-71					39		7,516	4.68	352						
591270 VALIANT TORONO.....*		3	7	1-21	15	2.7	8,800	4.90	431	21	35	-149	-.02	-9	-11
03-07-60 497574 1737961 5-71					11		9,275	4.98	462						
591271 CLEARBROOK BRIDGETS SIGNAL....*		3	5	2-13,55	12	4.3	9,211	4.85	447	13	36	+66	-.07	-3	-1
12-14-59 5416B1 2300273 5-71					26		9,049	5.07	459						
591277 BEAUTYS RECORD ADVANCER.....*	61-02	47	5	7-31,33,	119	2.3	7,169	5.18	371	22	83	-1,086	+.11	-46	-66
05-21-60 553149 2112324 5-71				5B,61,63	19		8,446	5.04	426						
591295 FAVORITE MARSHALL JUDGE.....*		7	12	2-23,31	27	3.3	9,811	4.85	476	4	43	+346	-.07	+11	+18
07-11-60 563813 2202211 5-71					9		9,015	5.00	451						
591297 FAVORITE SECRET SAGE.....*	23-09	79	7	7-23,31,	250	2.4	9,472	5.22	494	9	90	+309	+.12	+26	+30
07-31-60 563813 2117179 1-71				50,52,56	20		9,157	5.10	467						
591298 FAVORITE DANIEL.....*		2	10	1-13	18	3.4	9,794	4.91	481	6	36	+17	-.07	-5	-4
10-20-60 563B13 16577B1 5-71					11		9,847	5.11	503						
591314 SABLES VICTORY COMMANDO.....*		3	30	2-63,71	42	2.4	8,517	4.97	423	0	34	+40	-.01	+1	+2
04-02-60 513246 2285621 5-71					14		8,352	5.02	419						
591316 IMP. HEARTY FILLPAIL ROYAL....*		5	4	3-42,47,	10	1.9	8,136	5.27	429	0	30	-171	+.08	-2	-6
06-18-60 594412 010066370 5-71				4B	18		8,688	5.06	440						
591319 MADALENES MARK.....*		4	16	3-13,B4,	35	2.9	9,389	5.30	498	7	43	+106	+.04	+9	+10
02-15-60 520485 1995650 5-71				93	48		9,176	5.23	480						
591329 FOSTERS BOUQUET BUDDY.....		2	19	1-93	23	2.7	9,956	5.33	531	14	30	-31	+.09	+6	+4
09-13-60 555540 2173864 5-71					293		10,199	5.08	518						
591344 LANSING RIDGE RAY.....*		1	18	1-42	18	3.3	8,335	4.97	414	22	27	-113	.00	-6	-8
12-27-59 564644 2034162 5-71					13		8,755	5.01	439						
591346 FAVORITE SPARKY.....*		1	34	1-57	34	3.4	8,882	5.40	480	**	30	+125	+.04	+10	+12
09-02-59 510322 1987567 5-71					15		8,425	5.31	447						
59134B JESTER MOROCCO TUFFY.....*		1	23	1-31	23	3.2	6,575	5.48	360	5	28	-263	+.05	-9	-14
05-07-60 542372 1632709 5-71					8		7,366	5.29	390						
591369 BRAMPTON ROYALIST FAVOR.....*	65-02	40	5	3-56,64,	116	2.0	8,110	4.97	403	10	82	-51	+.06	+3	+1
07-12-60 520485 2149545 5-71				65	22		8,098	4.88	395						
591370 BRAMPTON ROYALIST RECORDS.....*	31-02	28	6	6-31,43,	91	2.5	8,425	4.97	419	14	78	+21	-.02	-1	0
07-13-60 520485 2175807 5-71				64,65,71	22		8,348	5.02	419						
591373 ETTA COMMANDO STAR.....*		2	20	2-31,32	22	2.2	7,445	5.40	402	12	28	-119	+.03	-3	-6
10-10-60 556092 2228682 5-71					9		7,767	5.30	412						
591382 HEADSPRING SPARK EXPRESS.....*		1	68	1-56	68	1.9	9,720	5.38	523	5	28	-88	+.03	-2	-4
03-21-60 571160 2225564 5-71					22		10,171	5.34	543						
59138B HEADSPRING SPARK PILOT.....*		1	27	1-56	27	3.1	8,786	5.26	462	23	28	-71	+.02	-2	-4
04-22-60 571160 2178394 5-71					42		9,067	5.24	475						
59138B5 HEADSPRING CHECKMATE.....*		1	23	1-56	23	3.4	10,112	5.02	508	0	29	-174	-.03	-11	-14
05-29-60 571160 2050920 5-71					111		10,930	5.14	562						
5913B9 DOLLS PRIZE DANDY.....*		2	6	2-91,93	11	1.9	8,748	5.40	472	**	30	-77	+.04	0	-2
03-10-59 574748 1751116 5-71					13		9,028	5.26	475						
591405 MARLU ANSOM CORALAD.....*		1	23	1-55	23	3.1	7,698	4.95	381	5	28	-82	+.04	-1	-3
05-18-60 5B42B5 2195916 5-71					14		7,900	4.86	384						
591410 LEADERS BASIL PAT.....*		4	16	2-61,63	21	2.8	8,942	4.78	427	6	32	-13	-.03	-3	-3
11-02-59 567370 1989837 5-71					32		9,003	4.89	440						
591425 TRISTRAM PATHFINDER.....*		2	17	2-52,55	19	1.8	9,944	4.91	488	44	25	-79	-.07	-10	-10
09-25-60 519B2B 2191333 5-71					52		10,416	5.20	542						
591432 DAYPECK MILADY TRIUMPH.....*		1	38	1-43	38	2.2	9,390	5.18	486	17	27	+4	+.01	+1	+1
09-27-60 5B42B5 2290030 5-71					43		9,432	5.14	485						
591439 JESTER SIGNAL FIRECRACKER.....*		2	14	1-31	16	2.8	7,760	5.44	422	23	28	-304	+.07	-9	-15
03-01-60 542372 2081616 5-71					21		8,872	5.18	460						
59144B DESIGNS POLARIS.....*		3	5	1-64	12	2.4	7,822	5.05	395	0	34	-277	+.02	-12	-17
07-06-60 587027 1657103 5-71					61		8,618	5.02	433						
591457 BEAUTYS PREMIER.....*		1	24	1-64	24	3.0	6,658	4.75	316	0	27	-44	+.01	-1	-2
09-24-60 553149 1628492 5-71					17		6,598	4.73	312						
591478 BRAMPTON JESTER DRACONIAN.....*		1	28	1-63	28	1.6	5,970	5.18	309	**	25	-266	+.03	-11	-16
08-14-60 55647B 2010820 5-71					54		6,851	5.08	348						
591490 SYNDICATE MILESTONE PRINCE....*		2	7	2-13,56	13	3.9	8,762	5.54	485	0	35	-239	+.15	+1	-5
07-07-60 5B1946 2127504 5-71					39		9,512	5.13	488						
591519 ADVANCER SLEEPING BEACON.....*		5	13	1-65	21	2.0	6,507	5.01	326	7	32	-403	-.02	-22	-29
03-30-60 010121754 2276790 5-71					11		7,635	5.13	392						
591537 W R ROYAL JESTER.....*		2	9	2-57,64	15	1.3	7,563	4.63	350	**	27	+23	-.02	-1	0
10-30-60 567397 2199487 5-71					12		7,327	4.74	347						
591566 SPARKLE SIGNAL CONFIDENCE.....*		6	14	3-55,56,	29	4.3	10,292	5.30	545	4	43	+180	-.02	+7	+10
11-14-58 573640 2068811 5-71				63	74		9,986	5.39	538						
591570 BASIL RADARS BELL RINGER.....*		4	23	2-B2,B5	43	3.3	9,411	5.03	473	10	43	-65	+.04	0	-2
10-01-60 499207 21473B1 5-71					23		9,645	4.97	479						
591573 MARLU GALACTO.....*		3	13	2-35,41	17	2.0	9,580	5.37	514	27	27	-241	+.12	-2	-8
08-30-60 5B4285 2029030 5-71					16		10,644	5.02	534						
591575 MARLU MILESTONE VALIANT.....*	31-02	47	5	8-31,32,	130	2.5	8,253	5.33	440	16	85	-297	+.23	+5	-4
12-26-60 563B05 2107B56 5-71				56,63,64	24		8,576	5.05	433						
591619 ROSES RING MAN.....*	33-03	249	11	39-13,21,	661	1.2	8,274	5.16	427	25	93	-578	+.08	-22	-33
12-03-59 580702 2017445 1-71				32,41,74	29		8,898	5.09	453						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
591630 FERNDALE VOLUNTEER BART.....*		1	16	1-72	16	3.8	7,687	4.55	350	0	28	-151	-.02	-9	-11
09-04-60 469101 1745550 5-71					93		8,166	4.63	378						
591633 PROMOTER BELMONT BASIL.....*		1	11	1-64	11	4.0	8,080	4.79	387	0	26	0	.00	0	0
09-12-60 554146 2368631 5-71					29		7,997	4.84	387						
591643 COMMANDO DESIGN SIR.....*		1	11	1-65	11	3.8	8,048	4.90	394	9	25	-153	+.03	-5	-8
03-01-58 532528 1636014 5-71					27		8,652	4.81	416						
591673 JESTERMAN GOLDEN JOLLY.....*		5	7	2-91,92	20	1.8	10,520	5.29	557	8	40	+192	+.05	+14	+17
11-24-60 561469 2005284 5-71					18		10,174	5.23	532						
591736 BROWNLANE GENERATION ACE OF V.*		1	13	1-16	13	2.7	8,530	5.47	467	25	24	-166	+.07	-2	-6
03-16-60 010124304 010197505 5-71					9		9,263	5.20	482						
591745 CORAL LEES PERFECTION.....*		1	40	1-31	40	2.4	7,503	5.62	422	4	28	-51	+.06	+3	+1
05-10-60 497574 1907608 5-71					17		7,560	5.41	409						
591747 ROYAL RUSH NOBLE.....*		1	57	1-43	57	2.1	8,142	5.38	438	6	28	-18	+.01	0	0
07-20-59 563978 2025605 5-71					14		8,137	5.44	443						
591753 S.S. SUES SIGNALMAN.....*		3	5	2-82,86	11	1.9	7,098	5.33	378	**	31	-450	+.03	-20	-28
05-11-60 541681 1830160 1-71					7		8,519	5.22	445						
591757 BRAMPTON EUREKA.....*		9	7	7-12,13,	21	1.6	7,853	5.12	402	14	39	-334	+.03	-14	-20
12-26-53 010104635 010209306 5-71				15,31,87	31		8,689	5.05	439						
591759 OAKLEDGE VALIANT DIAMOND.....*		4	8	1-13	22	3.2	9,979	4.85	484	5	43	+264	-.11	+3	+9
12-09-60 552843 2153206 5-71					19		9,428	5.10	481						
591764 NEWFIELDS CAROM KING.....*		7	5	3-12,13,	26	3.3	9,945	5.21	518	24	53	+58	+.06	+8	+8
08-05-59 585327 2148516 5-71				21	24		9,945	5.12	509						
591812 HERMITAGE CITATION.....*		5	39	3-21,56,	64	2.1	8,795	5.45	479	20	38	+110	+.05	+10	+11
11-05-60 553904 2230453 5-71				86	40		8,468	5.37	455						
591814 SYLVAN SATURN.....*		2	32	1-91	34	1.5	9,678	4.96	480	9	26	-173	+.02	-7	-10
08-07-60 556095 2152867 5-71					63		10,508	4.91	516						
591883 BRIGHAM ADVANCER RAYBURN.....		2	25	1-54	36	2.7	9,685	5.09	493	13	35	+63	.00	+3	+4
12-08-60 555208 1671002 5-71					14		9,579	5.09	488						
591896 LANOMARK JESTER.....*		3	12	1-32	16	2.4	8,719	5.25	458	29	28	-100	+.05	-1	-3
11-24-60 583102 1796107 5-71					7		9,101	5.15	469						
591902 BRIGHTIE WORTH LITTLE JESUS...*		1	11	1-93	11	1.3	7,713	5.26	406	0	20	-283	-.02	-16	-21
07-01-59 585615 1881087 5-71					25		9,202	5.39	496						
591904 DESIGN DRACONIS SAM.....*		1	19	1-74	19	1.7	10,555	4.31	455	**	24	+125	-.07	0	+3
08-15-60 574480 1975615 5-71					40		10,169	4.53	461						
591905 MARLU MODEL ANSOM.....*		6	5	2-65,72	21	1.8	7,920	4.77	378	**	43	-304	+.04	-12	-18
07-25-60 584285 2195905 5-71					20		8,600	4.71	405						
591906 MARLU MILESTONE ANSOM.....*		3	19	2-41,43	23	2.0	9,238	5.03	465	35	28	-185	+.05	-5	-9
08-08-60 584285 2195900 5-71					17		10,014	4.91	492						
591917 OORBROOKS ROSABEL CERES ROYAL.*		3	5	2-11,12	10	1.4	6,749	5.16	348	60	26	-380	+.04	-16	-23
02-07-61 585431 1837754 5-71					27		8,177	5.03	411						
591928 JEWELERS BEACON ROYAL.....*		5	7	2-42,57	15	1.6	8,194	4.87	399	17	31	-107	-.02	-7	-9
11-11-60 525627 2029775 5-71					10		8,503	4.96	422						
591947 RAOARS LOYALS ROYAL.....*		3	6	1-57	12	3.2	9,329	4.93	460	0	34	+147	-.06	+2	+5
12-20-59 559045 2084023 5-71					22		8,900	5.10	454						
591960 VOGAN FARM BLONDE MILKMAN.....*		1	12	1-23	12	3.3	7,802	5.24	409	0	26	-175	+.03	-6	-10
12-18-59 550331 2226848 5-71					7		8,451	5.16	436						
591976 ANSOM SUPREME VISITOR.....*		1	17	1-63	17	2.0	6,483	5.09	330	18	25	-192	+.03	-7	-11
07-16-60 584285 2226828 5-71					32		7,090	4.96	352						
591986 BUTTERNUT TEFFIA TYPE.....*		3	8	3-16,48,	19	1.4	6,887	5.39	371	31	35	-451	+.08	-16	-25
04-07-60 525015 2057457 5-71				71	13		8,107	5.13	416						
591988 BASIL VICTORY DESIGN.....*		5	12	3-31,54,	30	2.8	8,696	4.96	431	18	45	-315	+.02	-14	-20
07-12-60 568040 1776317 5-71				55	15		9,458	4.94	467						
592003 AMYS B J A.....*		6	8	3-31,52,	23	3.0	7,873	4.98	392	17	44	-475	-.01	-25	-33
01-17-61 528332 1956897 5-71				64	57		8,955	5.04	451						
592018 CHAMPIONS PATHFINDER PEER.....*		1	18	1-42	18	2.2	9,468	4.94	468	8	25	-37	+.02	0	-1
02-03-61 519828 2191341 5-71					6		9,703	4.90	475						
592049 ELM VOLUNTEER PREMIER KING....		1	12	1-93	12	1.0	11,548	5.24	605	17	19	+4	+.01	+1	+1
10-26-60 574253 2034085 5-71					85		11,826	5.23	619						
592054 STAR CHAMPION.....*	35-75	24	11	13-13,14,	63	1.8	10,705	4.96	531	15	60	+168	-.12	-2	+3
07-19-60 557868 2191346 5-71				57,87,92	51		10,598	5.16	547						
592055 FAVORITE SECRET BRAVE.....	91-01	11	3	1-91	23	2.7	10,032	5.29	531	0	55	-5	+.08	+7	+6
10-27-60 563813 2023234 5-71					20		10,175	5.17	526						
592073 NORMSLAND BELLE BOY.....*	21-10	156	4	8-11,12,	392	1.5	9,832	5.28	519	12	94	+192	+.25	+32	+32
02-15-60 502323 1652984 5-71				13,14,21	21		9,713	5.04	490						
592087 ROSSMERE O. STANDARD AIM.....*		1	29	1-93	29	2.0	10,223	4.91	502	**	27	+117	.00	+6	+8
10-27-60 585679 2091783 5-71					9		9,895	4.91	486						
592115 MILESTONE BARON VENTURE.....		1	10	1-93	10	2.6	8,684	4.81	418	11	23	+15	-.01	0	0
06-13-60 580372 2348533 5-71					131		8,590	4.87	418						
592116 MILESTONE WONDER JESTER.....		1	10	1-93	10	1.6	8,032	5.13	412	38	20	-130	+.05	-2	-5
10-29-60 580372 2405247 5-71					134		8,675	4.90	425						
592117 MILESTONE ASTOR WONDER.....*		1	36	1-93	36	1.8	8,757	4.96	434	29	26	-15	+.01	0	0
01-10-61 580372 2348534 5-71					126		8,815	4.90	432						
592121 FAIR-WEATHER MILKMAN.....*		3	6	2-31,74	14	2.0	9,217	4.45	410	8	32	+106	-.07	-1	+2
01-12-60 579205 2148362 5-71					23		8,891	4.65	413						
592122 FAIR-WEATHER SUPERB COUNT.....*		3	7	2-14,16	15	2.2	7,982	4.87	389	62	34	-237	-.04	-15	-19
07-02-60 553904 2038934 5-71					16		8,673	5.04	437						
592125 DESIGNERS ADVANCER.....*		1	20	1-31	20	3.5	8,213	5.24	430	5	28	+2	+.02	+2	+2
10-05-60 554292 1886760 5-71					27		8,136	5.19	422						
592143 GOLDEN COMMANDO AIM.....*		1	15	1-35	15	2.9	7,704	5.17	398	0	26	-84	+.03	-2	-4
01-12-61 574676 2185402 5-71					28		7,941	5.10	405						
592163 JANES JIM.....*	31-02	5	18	3-21,55,	28	2.4	10,316	5.49	566	31	34	-219	+.13	0	-6
08-19-60 567241 2054813 5-71				74	38		11,193	5.20	582						
592169 DON HEAD JEWELLED BELLBOY....*		2	9	1-23	11	3.0	8,178	4.98	407	11	26	-216	.00	-11	-15
06-24-59 010125606 010211434 5-71					37		9,025	5.03	454						

REGISTRATION NUMBER NAME OF SIRE	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... OAUS HM/OAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST LST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
592174 DRACONIS WONDROUS HIGHFIELD...*	35-75	22	3	13-14,22,	39	1.5	9,081	5.02	456	30	63		-256	-.01	-14	-18
10-19-60 564357 1766980 5-71				55,56,87	37		9,562	5.06	484							
592186 BRAMPTON VOLUNTEER RECORD.....*		2	9	1-74	12	2.0	9,251	4.22	390	20	26		+203	-.11	0	+5
04-30-60 520485 2219433 5-71					61		8,420	4.57	385							
592201 LOCH-LEE GOLDEN BOY.....*		6	11	2-21,23	38	2.2	9,276	5.33	494	18	50		-92	+.08	+2	-1
12-21-60 565141 1893095 5-71					21		9,529	5.19	495							
592217 NEWFIELDS ROYAL CZAR.....		2	13	2-13,14	15	2.6	8,046	5.32	428	23	27		-215	+.07	-5	-10
07-07-58 572250 2148516 5-71					16		8,851	5.08	450							
592220 TRANQUILLITY TOP SECRET.....*		10	1	5-12,13,	13	2.4	8,843	5.42	479	36	44		-106	+.06	0	-3
12-12-60 562571 2105547 5-71				16,21,55	29		9,112	5.31	484							
592247 WELCOME TORONO OF OGSTON.....*		2	12	1-22	22	3.9	11,585	5.04	584	5	40		+469	+.07	+30	+37
02-14-60 497574 1973774 5-71					79		10,573	4.88	516							
592253 GOLDEN ETTA COMMANDO SLEEPER..*		11	13	6-21,23,	32	2.3	8,414	5.25	442	23	42		-484	+.10	-16	-26
10-21-60 556092 2228681 5-71				31,55,61	12		9,642	5.04	486							
592286 WELCOME MARSHALL CHIEF.....*		2	10	1-31	20	3.1	11,083	5.31	589	0	37		+317	.00	+16	+22
11-08-59 572384 1758776 5-71					13		10,389	5.38	559							
592293 COMBINATION COMMANDO DESIGN...*		3	7	2-31,34	15	1.9	8,060	5.25	423	13	33		-283	+.03	-12	-17
01-16-60 573454 2264617 5-71					17		8,931	5.22	466							
592332 NELDAS LIBERATOR.....		1	25	1-64	25	1.9	6,423	4.89	314	30	25		-327	.00	-16	-22
07-03-60 579749 1693210 5-71					4		7,590	4.94	375							
592335 BELLE BEACON BASIL DESIGN.....*		3	4	1-34	10	2.3	7,743	5.46	423	17	30		-240	+.05	-8	-13
02-05-60 531342 2234628 5-71					12		8,502	5.34	454							
592378 TABLER BEAU SYBIL.....*		2	32	1-74	34	1.4	8,551	4.70	402	7	25		+82	-.05	0	+2
10-31-60 560227 1872238 5-71					72		8,158	4.89	399							
592382 SIR LANCELOT.....		4	8	1-31	13	1.6	7,758	5.44	422	0	27		-186	+.07	-3	-7
11-04-60 010124107 1757490 5-71					15		8,403	5.19	436							
592408 FASHION ADVANCER LAD.....*		1	16	1-32	16	2.9	8,793	5.32	468	0	27		+107	+.04	+9	+10
08-17-60 569336 1924287 5-71					7		8,343	5.20	434							
592439 FAVOR SIGNAL TRIUMPH.....*		5	14	1-56	21	2.5	10,434	5.01	523	6	33		+165	-.10	-1	+3
12-06-60 556096 2068811 5-71					92		10,052	5.37	540							
592440 HI-MARKS STAR SLEEPER.....*		3	10	1-58	20	2.7	9,509	4.67	444	13	36		+77	-.04	0	+2
11-07-60 586299 2316068 5-71					43		9,342	4.77	446							
592449 RANDLEIGH SUPER PERFECT.....*		4	5	2-21,55	12	2.4	7,993	5.54	443	58	32		-235	+.07	-6	-11
12-23-59 491556 2110992 5-71					22		8,712	5.37	468							
592468 DOUBLE ETTA STAR.....*		3	56	1-58	60	1.8	9,812	4.82	473	17	29		-11	+.01	0	0
11-14-60 565141 1922335 5-71					37		9,964	4.83	481							
592470 LE MAR CHAMPION SEARCHLIGHT...*		3	8	1-91	18	1.7	7,545	5.41	408	13	34		+132	.00	+7	+9
09-08-60 579780 2236561 5-71					12		6,967	5.45	380							
592471 LEADERS DESIGN SKIPPER.....*		4	3	1-93	10	1.6	9,642	4.68	451	29	32		+194	-.06	+4	+8
10-07-60 578077 1948772 5-71					68		9,062	4.83	438							
592483 SYBIL OWL AIM.....*		1	16	1-34	16	3.4	5,625	5.08	286	11	27		-334	.00	-17	-23
11-26-60 561487 1775204 5-71					8		6,643	5.18	344							
592487 WILMINGTON WONDER.....*		7	13	4-31,42,	35	2.3	8,431	5.29	446	18	45		-249	+.11	-3	-9
08-09-60 534585 2047514 5-71				63,74	23		9,008	5.06	456							
592493 BRILLIANT CAROM BEACON.....*		4	16	3-33,41,	25	1.5	6,490	5.02	326	**	30		-324	.00	-16	-22
08-09-60 581759 2300757 5-71				65	8		7,430	5.06	376							
592494 COMMANDO B.J.A.....*		4	19	2-21,43	24	2.8	9,102	5.26	479	0	32		+44	+.01	+3	+4
08-30-60 528332 2181811 5-71					30		8,978	5.27	473							
592516 T.G. PRINCE LUCKY TIM.....*		2	18	2-13,14	20	2.6	8,065	4.84	390	10	28		-201	-.07	-16	-18
08-25-60 554042 1764564 5-71					21		8,768	5.12	449							
592536 SNOW MAN EVELYNS PHILIP.....*		1	12	1-14	12	1.8	8,307	5.04	419	**	22		-230	-.05	-16	-19
12-20-60 581275 2299009 5-71					3		9,401	5.33	501							
592538 CHAMPIONS EVANGELIST.....*		3	5	2-23,56	13	2.6	10,670	4.79	511	29	36		+650	-.06	+27	+39
12-21-60 519828 2233394 5-71					68		8,861	4.90	434							
592556 WALNUT NOBLE LAD.....*		5	5	4-51,52,	12	2.7	10,313	4.96	512	25	35		+315	-.04	+12	+18
08-08-60 575882 2326368 5-71				54,56	26		9,484	5.09	483							
592559 J.B. REBECCAS ROYAL.....*		6	28	2-41,42	37	2.7	7,626	5.40	412	10	34		+9	+.04	+4	+4
11-02-59 542372 1856085 5-71					9		7,460	5.31	396							
592563 RINCONADA TRI-SULTAN IVORY....		1	67	1-93	67	1.7	9,328	4.96	463	19	27		+116	+.01	+7	+9
10-30-60 578810 2211876 5-71					127		8,898	4.91	437							
592568 MARLU MILESTONE AMULET.....*		1	47	1-35	47	3.1	9,387	5.29	497	10	30		-34	+.09	+6	+4
08-07-60 563805 1983659 5-71					17		9,577	5.03	482							
592584 SAYDA POET TRISTRAM.....	31-02	4	18	2-88,93	42	1.8	11,999	5.38	646	3	42		+165	+.02	+10	+13
05-25-60 580714 1615896 5-71					32		11,912	5.38	641							
592594 DESIGNS SOBER BELL.....*		4	5	2-34,57	12	1.6	6,869	5.12	352	29	31		-269	-.02	-15	-19
11-24-60 531342 2056809 5-71					24		7,610	5.24	399							
592609 ZWALDS OBSERVER SIGNAL.....*		1	15	1-92	15	2.4	13,001	4.74	616	0	25		+662	-.15	+19	+33
02-14-61 553236 2168717 5-71					17		10,530	5.24	552							
592629 SEQUOIAS SIR FILLPAIL LEADER..		2	11	1-93	13	2.5	7,230	5.23	378	0	26		-294	+.09	-7	-13
08-14-60 586649 2225071 5-71					77		8,300	4.88	405							
592632 WONDER JESTER FILLPAIL SIR....*		2	28	1-93	33	2.0	8,932	4.86	434	17	29		+86	-.03	+2	+4
08-18-60 586649 1951168 5-71					118		8,615	4.92	424							
592636 PORTLAND BABLE COUNT.....*		1	16	1-43	16	3.8	7,289	5.23	381	0	28		-125	+.05	-2	-5
06-05-60 583644 2060514 5-71					11		7,623	5.08	387							
592650 MILESTONE SUPREME COMMANDO....*		17	13	11-11,12,	54	2.5	8,917	5.51	491	10	57		-415	+.25	0	-11
07-11-60 563805 2155938 5-71				13,14,16	30		9,737	5.09	496							
592658 WONDROUS MEDAL LUCKY.....*		1	25	1-31	25	3.8	8,374	5.33	446	4	30		+7	+.02	+2	+2
09-12-58 508078 1867098 5-71					49		8,293	5.28	438							
592661 CROWNS CERES ROYAL.....*		6	16	1-74	39	2.1	8,936	4.48	400	19	43		+198	-.11	0	+5
02-07-60 585431 2172961 5-71					37		8,434	4.72	398							
592684 UTAG TORONO LILA SYMBOL.....		5	11	2-87,93	34	1.8	10,215	4.83	493	10	46		+276	-.10	+5	+11
11-13-60 497574 2038297 5-71					95		9,696	5.01	486							
592691 MASCOT MARLU MACK.....*		2	12	2-31,43	14	1.8	8,175	5.63	460	31	24		-214	+.07	-5	-10
07-20-58 567066 1807613 5-71					15		9,083	5.37	488							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/OAU	REC/OAU HERDMATE	MILK	%	FAT	% 1ST INC	% REPT	PREDICTED DIFFERENCES MILK	%	FAT	$$
592697 SPARKLING 8LONDE PIONEER.....*		4	39	1-57	45	3.0	8,085	5.42	438	0	33	-130	+.11	+3	-1
05-28-60 496820 2046899 5-71					17		8,446	5.06	427						
592702 VOLUNTEER STONY 8ROOK JONAS...*		1	11	1-58	11	3.2	10,235	4.40	450	**	25	+488	-.11	+14	+24
04-26-60 506697 1804326 5-71					97		8,184	4.75	389						
592710 SECRET FLOSSY CHALLENGER.....*		2	8	1-21	10	2.9	11,107	4.91	545	20	25	+151	-.05	+3	+6
12-19-60 497574 2154909 5-71					24		10,691	5.06	541						
592718 MARLU ANSOM CHARMER.....*		4	48	3-56,63,	75	2.4	9,648	5.45	526	7	38	-116	+.07	0	-3
07-19-60 584285 2128382 5-71				74	89		10,078	5.31	535						
592728 HETHERINGTON FERNS JESTER.....*		5	9	3-31,33,	16	1.9	9,660	4.86	469	9	31	+286	-.06	+9	+15
12-25-60 528332 2161005 5-71				63	25		8,728	5.05	441						
592730 ADVANCER SNOWOROP CHIEF.....*		5	7	4-31,57,	15	1.6	7,419	5.27	391	31	32	-210	+.03	-8	-12
04-03-61 528332 2252753 5-71				63,65	36		8,003	5.20	416						
592732 LADS OXFORD TRISTRAM.....*		1	18	1-93	18	2.5	11,334	5.43	616	11	26	+128	+.08	+14	+15
03-02-61 555217 1669729 5-71					36		11,065	5.20	575						
592750 DUART SECRET KING.....*		2	25	1-21	29	2.9	9,769	5.30	518	10	31	+126	+.04	+10	+12
12-04-60 497574 2327494 5-71					30		9,413	5.22	491						
592764 SIGNAL FAVORITE COMMANDER.....*		1	20	1-74	20	2.5	7,940	4.70	373	20	26	-177	-.04	-12	-15
09-06-60 530280 2175818 5-71					12		8,600	4.87	419						
592797 DESIGNERS MICKIE.....*		1	15	1-31	15	2.9	8,361	5.36	448	20	26	-140	+.07	-1	-4
05-14-60 554292 1990137 5-71					17		8,919	5.15	459						
592798 DESIGNERS 8R LAD.....*		2	17	1-32	19	2.5	7,611	4.82	367	37	27	-263	-.06	-18	-22
10-08-60 554292 2277235 5-71					12		8,566	5.10	437						
592813 PARAMOUNT NANCYS RADAR PRINCE.*		1	24	1-64	24	3.1	9,425	4.70	443	5	28	+294	+.01	+16	+21
07-23-60 010124304 2006893 5-71					37		8,318	4.54	378						
592831 SA8LES SPOT COMMANDO.....*		1	10	1-34	10	1.5	7,553	5.72	432	25	20	-188	+.07	-3	-7
12-14-60 581775 1939599 9-70					20		8,458	5.38	455						
592832 JOLLIFIER.....*		1	24	1-21	24	2.3	7,348	4.75	349	**	27	-197	.00	-10	-13
09-12-59 010008842 2317496 5-71					17		7,998	4.80	384						
592841 STONEY 8LUFF FAVORITE CHAMPION*		4	7	1-43	19	2.9	10,315	5.05	521	13	41	+247	-.06	+7	+12
12-23-59 537666 2112936 5-71					29		9,812	5.21	511						
592845 ADVANCER RECORD HUCK OF OZ....*		1	31	1-48	31	2.6	8,666	5.83	505	23	28	+28	+.07	+8	+7
01-14-61 520485 2219153 5-71					9		8,534	5.60	478						
592868 SA8LES MICHAEL.....*		1	39	1-31	39	2.3	8,447	4.84	409	10	28	-162	-.03	-11	-13
05-10-60 581775 2059923 5-71					26		9,050	5.01	453						
592869 HILL SPRING F.8. LAD.....*		3	15	1-31	22	2.5	6,801	5.41	368	10	33	-328	+.06	-11	-18
02-05-60 557384 2029337 5-71					9		7,686	5.22	401						
592870 LYNNS CROWNED DREAMER.....*		2	18	1-51	20	2.4	7,493	5.39	404	16	27	-334	+.03	-14	-20
05-14-60 583022 2117902 5-71					7		8,705	5.31	462						
592884 CHOICE COM ROYAL 8EACON.....*		5	2	2-13,55	11	3.4	9,155	5.36	491	11	40	+47	+.10	+11	+10
08-27-60 571912 2191967 5-71					28		9,059	5.14	466						
592890 DOR8ROOKS FLOWERS DESIGN ROYAL*		3	4	2-23,51	10	3.6	7,233	5.54	401	0	34	-203	+.06	-5	-9
03-06-61 585431 1878697 5-71					17		7,728	5.40	417						
592899 PINNACLE FAVORITE JOE.....*		3	5	2-33,43	10	1.9	8,569	5.08	435	0	29	+27	+.02	+3	+3
05-02-61 534381 2279858 5-71					5		8,435	5.01	423						
592901 HAPPY LESSON DREAMER.....*		3	7	1-74	15	1.5	9,604	4.85	466	11	32	+117	-.03	+3	+6
08-05-59 010008929 2317465 5-71					30		9,273	4.93	457						
592911 C J F PATTERNS ENVOY.....*		1	13	1-73	13	3.6	10,191	5.27	537	0	27	+333	+.09	+25	+29
01-12-61 552974 2140484 5-71					42		8,950	4.97	445						
592920 CORALADS SUPREME.....*	35-21	26	6	6-32,34,	90	1.9	10,727	4.98	534	12	75	+289	-.16	0	+7
06-04-60 575068 2118782 5-71				35,41,93	18		10,510	5.18	544						
592969 VICTORIOUS ROYALIST GOLDEN....*		2	8	1-33	14	2.4	7,645	5.09	389	0	33	+61	-.03	0	+2
02-20-61 570643 2017628 5-71					3		7,305	5.23	382						
592972 GARGANTUA.....*		1	21	1-84	21	2.1	5,538	5.40	299	20	26	-346	+.03	-15	-21
12-17-60 561500 1982961 5-71					35		6,674	5.26	351						
592997 RADAR 8ROWNYS DESIGNER.....*		2	28	1-31	32	3.0	9,016	5.19	468	3	31	+156	+.01	+9	+12
03-11-61 571555 2012509 5-71					11		8,475	5.16	437						
593038 LINDAS MARLU DESIGN.....*		1	11	1-63	11	1.0	7,976	4.56	364	**	18	-261	+.02	-11	-16
05-08-59 568681 2048764 5-71					10		9,478	4.49	426						
593061 8RIGHAM TORONO SUPER8.....*	21-10	27	2	2-13,21	40	3.0	9,744	4.94	481	9	71	+288	-.10	+5	+12
03-10-61 497574 2056464 5-71					17		9,392	5.08	477						
593068 BROWNLANE GENERATIONS KAVOLA..*		2	12	1-13	14	3.0	7,719	5.21	402	8	28	-182	-.01	-10	-13
09-16-58 010124304 010220623 5-71					16		8,331	5.32	443						
593074 ASGAARD KENT HERO.....*		1	10	1-21	10	2.9	7,890	4.73	373	**	23	-132	-.04	-10	-12
11-06-60 573213 2290742 5-71					9		8,424	4.96	418						
593083 SY8IL OWL TORONO.....*		3	31	2-58,63	46	2.5	8,791	4.70	413	21	36	-53	-.04	-6	-6
11-25-60 497574 1478131 5-71					60		8,951	4.83	432						
593088 MILESTONE COMMANDO LEADER.....*		4	9	2-55,56	14	3.1	10,364	4.89	507	23	31	+264	-.06	+8	+13
10-31-60 563805 2226827 5-71					24		9,595	5.05	485						
593126 LORD CHAMPIONS JEST.....*		1	12	1-64	12	2.7	7,498	5.13	385	10	24	-33	+.02	0	-1
11-17-60 537666 2186172 5-71					47		7,503	5.13	385						
593148 SPARKLE 8LONDE SIGNAL SULTAN..*	35-75	5	35	1-56	49	2.3	11,195	5.14	575	0	35	+328	-.03	+14	+20
01-26-59 508078 1853266 5-71					76		10,411	5.23	545						
593171 SA8LES SENSATION DENTON.....		1	14	1-13	14	3.9	10,793	5.14	555	0	27	+55	+.04	+6	+6
12-04-60 585348 1950394 5-71					51		10,785	5.04	544						
593210 ADVANCER SLEEPING TOREADOR....*		16	16	6-21,23,	52	2.1	10,501	5.06	531	4	51	+358	-.05	+13	+20
07-30-60 534585 2128503 5-71				31,51,55	22		9,903	5.18	513						
593215 EDITHS FLORIST RADAR.....*		4	9	2-63,65	21	2.9	7,877	4.74	373	13	40	-204	-.06	-15	-18
10-19-60 518988 2005175 5-71					44		8,332	4.91	409						
593228 LYNNWAY SPARKLING COMMANDO....*		2	10	1-41	19	2.8	8,710	5.36	467	32	35	-437	+.15	-9	-19
02-14-59 524982 1631362 5-71					14		10,078	4.98	502						
593232 ITASKAS FARMER.....*		5	4	4-21,33,	11	1.6	7,572	4.97	376	**	30	-318	.00	-16	-22
02-09-61 581485 1987210 5-71				42,43	12		8,609	5.02	432						
593236 POMPOUS VALIANT JESTER.....*		11	2	5-33,35,	20	2.7	7,717	4.94	381	13	53	-349	-.05	-22	-27
09-06-60 552439 2280766 5-71				41,42,43	14		8,325	5.08	423						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
593292 R.D.F. OEMPSTER TORONO MARVEL.*	21-10	25	3	2-13,21	38	2.7	8,908	5.19	462	12	67	-97	+.06	0	-3
01-13-61 490529 2189897 5-71					23		9,078	5.11	464						
593302 EOGELEA POSING ACME.....*		7	29	1-74	88	2.9	8,377	4.67	391	11	54	-102	+.02	-3	-5
04-20-58 010126125 010174207 5-71					59		8,536	4.60	393						
593303 CAMP8URN CAPTAIN.....*		3	23	1-74	29	2.6	7,995	4.52	361	0	31	-14	-.04	-4	-4
02-01-59 010124304 010243658 5-71					64		7,954	4.64	369						
593324 STARDUST ITASKAS MASTERPIECE..*		3	16	1-93	20	1.8	7,699	5.17	398	11	28	-521	+.07	-20	-30
01-19-61 585423 1564661 5-71					15		9,664	4.94	477						
593334 KEEPER OREAMING EDUCATOR O S.F		1	11	1-93	11	1.0	10,622	5.33	566	**	18	-163	+.04	-5	-8
05-25-61 585748 1953684 5-71					83		11,820	5.22	617						
593337 Y-8ROOK ETTA DARING STAR.....*		2	14	1-31	18	2.2	7,975	5.33	425	24	28	-347	.00	-17	-23
08-12-60 582190 2020053 5-71					16		9,244	5.32	492						
593399 KEEPERS CAROLINE 8LONDE O S.F.		2	15	1-93	24	1.5	8,238	4.84	399	21	31	-186	-.01	-10	-13
01-08-61 585748 2083441 5-71					118		8,850	4.90	434						
593406 PIXYS IMPERIAL.....*		7	15	4-31,35,	27	2.3	11,154	5.07	566	21	37	+132	-.03	+4	+7
03-19-60 530104 1968775 5-71				41,92	32		11,007	5.14	566						
593424 DREAMER ADVANCER STANDARD.....*		6	10	2-91,92	26	1.6	10,163	4.96	504	8	40	+9	-.06	-5	-4
02-02-61 576161 1936612 5-71					17		10,282	5.14	528						
593430 BUCKEYE GROVE GEORGE.....*		1	15	1-31	15	3.1	8,990	5.12	460	13	26	+22	-.01	0	+1
11-16-60 554865 1913379 5-71					14		8,909	5.17	461						
593491 CHAMPION TRISTRAM SIR REX.....*		4	5	1-88	17	2.2	9,895	5.29	523	17	40	-84	+.05	0	-2
07-09-60 528622 2008722 5-71					25		10,245	5.20	533						
593507 OBSERVER SANDY VALIANT.....*	23-11	9	5	1-23	28	2.5	9,250	5.06	468	18	55	+263	-.07	+7	+13
01-24-61 553236 1975152 5-71					15		8,760	5.21	456						
593510 MASTERSON FLOWERS CHRISTOPHER.*		1	12	1-41	12	1.1	6,762	5.16	349	67	19	-266	+.04	-10	-15
10-12-60 585485 2015174 5-71					12		8,092	4.99	404						
593561 ADVANCER CANDYMAN.....*		5	12	3-58,63,	24	2.5	8,343	4.95	413	9	38	-114	+.05	-1	-4
05-15-61 563813 2132844 5-71				64	56		8,620	4.81	415						
593574 STANDARD DRACONIS PAT 8ARON...*		2	10	1-92	16	1.1	9,266	4.85	449	**	26	+42	-.02	0	+1
05-28-59 568015 2117080 5-71					10		9,131	4.99	456						
593595 8ELSILUA 8AS MAJOR.....*		2	13	1-35	23	2.7	7,985	5.17	413	18	36	-247	+.04	-9	-14
09-11-60 557172 2059475 5-71					11		8,653	5.07	439						
593598 LAOS FAVORITE 8ASIL.....		1	17	1-91	17	3.3	8,997	4.93	444	17	26	-24	-.02	-3	-3
05-01-58 574589 2252072 5-71					10		9,119	5.03	459						
593605 HIPS 8UTTERCUP PATTERN.....*		1	17	1-31	17	2.4	7,178	5.38	386	**	25	-96	+.02	-3	-5
06-09-59 569722 2155943 5-71					7		7,420	5.36	398						
593622 ANSOM VISITOR OF H.....*		6	3	1-31	13	2.1	7,763	4.97	386	8	38	-162	-.02	-10	-13
06-08-60 584285 2274265 5-71					10		8,116	5.08	412						
593623 GOLDEN ETTA VALIANT STAR.....*		2	44	1-31	46	2.3	7,928	5.44	431	16	29	-47	+.07	+4	+2
06-08-60 576911 2280773 5-71					28		8,009	5.19	416						
593626 RADAR FAVOR COMMANDO.....*		2	21	1-74	29	2.1	9,244	5.00	462	11	33	+180	.00	+9	+12
02-07-59 518988 2175805 5-71					6		8,671	5.02	435						
593630 ALEX IDEAL GENERAL.....*		3	21	1-21	25	2.1	10,573	5.16	546	12	28	+335	-.02	+15	+21
01-14-61 554822 2058050 1-71					26		9,426	5.28	498						
593636 VICTORY LADS ST. MAWES.....*		1	15	1-31	15	3.4	9,672	5.42	524	13	27	+71	-.04	0	+2
04-03-60 561699 2056720 5-71					15		9,468	5.62	532						
593648 HEADSPRING FAVORITE.....*	35-75	3	18	2-55,56	22	2.1	10,088	5.13	518	14	27	-106	.00	-5	-7
05-04-61 556096 2178394 1-71					122		10,661	5.18	552						
593691 8A8Y ACME 8ELMONT PINN.....*		3	16	1-34	20	2.7	8,348	4.98	416	10	30	-16	-.05	-5	-5
09-15-60 576272 2110719 5-71					18		8,356	5.21	435						
593730 SA8LE HIGH CALI8ER.....*		1	37	1-33	37	2.0	9,164	5.16	473	0	27	+159	+.02	+10	+12
11-16-60 572134 2097395 5-71					19		8,546	5.11	437						
593756 PLAINVIEW GOLDEN ROCKET.....*		2	8	2-56,63	10	1.8	8,795	5.04	443	**	23	-16	+.01	0	0
11-13-60 585428 1988999 5-71					108		8,872	5.02	445						
593758 VOLUNTEER 8EACON COMMANDO.....*		2	25	1-56	32	2.2	8,357	5.16	431	7	32	-233	+.04	-8	-13
12-17-60 581775 2155441 5-71					32		9,124	5.06	462						
593778 GOLDEN ETTA M.....*		1	29	1-31	29	2.0	7,871	5.07	399	0	26	-17	+.02	+1	0
12-29-60 565141 2122950 5-71					15		7,839	4.99	391						
593782 STAR ETTA COMMANDO.....*		6	26	1-31	35	1.9	8,409	5.01	421	25	32	+13	-.01	0	0
06-14-61 565141 2092112 5-71					13		8,316	5.05	420						
593783 ETTA SHINING STAR.....*		3	27	2-87,93	31	2.5	10,343	5.27	545	0	31	+88	.00	+4	+6
06-21-61 565141 2018108 5-71					17		10,187	5.32	542						
593788 8ILTMORE SECRET FAULTLESS.....*		11	4	4-55,56,	28	1.9	7,816	4.94	386	39	54	-438	+.01	-21	-29
01-09-61 497574 1702020 5-71				57,63	44		8,610	4.94	425						
593789 8ILTMORE FAVOR FILLPAIL.....*		8	6	2-55,74	30	2.2	7,787	4.76	371	31	53	-28	-.03	-4	-4
01-21-61 556096 1740638 5-71					68		7,730	4.84	374						
593798 MARLU MILESTONE LARK.....*		3	21	3-55,56,	25	3.2	8,890	5.02	446	13	31	+67	-.03	+1	+3
09-06-60 563805 2092116 5-71				63	11		8,658	5.13	444						
593799 MARLU ANSOM MANITO.....*		5	8	2-13,55	25	3.7	8,409	5.11	430	9	49	-210	+.04	-7	-11
12-29-60 584285 2226835 5-71					21		8,840	5.05	446						
593800 TORONO JESTER JAKE.....*		1	18	1-57	18	2.7	10,286	4.93	507	7	26	+50	-.03	0	+1
09-15-60 497574 1954148 5-71					4		10,235	5.01	513						
593804 GEMS ETTA ADVANCER.....*		1	27	1-82	27	1.3	7,308	5.42	396	**	23	-217	+.08	-4	-9
08-05-60 578308 2096521 5-71					27		8,175	5.09	416						
593815 WASHINGTON TIGER.....*	21-10	34	1	4-11,12,	39	2.6	9,297	4.85	451	9	72	-75	-.16	-18	-17
12-14-60 546354 1609141 5-71				13,21	18		9,464	5.08	481						
593816 FAVORITE FORESTER.....*	33-03	11	26	9-13,14,	45	1.7	11,959	5.30	634	16	36	+560	+.05	+33	+42
01-03-61 563813 1682908 5-71				31,41,43	65		10,586	5.23	554						
593818 FAVORITE LORD AM8ASSADOR.....*		3	13	2-71,74	21	2.9	9,132	4.91	448	32	34	-132	+.05	-2	-5
02-27-61 563813 2001625 5-71					19		9,595	4.76	457						
593820 FAVORITE PHILOSOPHER.....*	61-02	11	35	5-43,57,	81	1.7	9,129	5.09	465	9	45	+53	+.15	+16	+15
06-01-61 563813 2068714 1-71				58,63,64	50		9,028	4.74	428						
593833 STYLISH MAN LI8ERATOR.....*	21-10	11	2	2-11,12	17	2.5	8,941	5.01	448	8	50	+66	-.03	+1	+3
12-31-60 582510 2093213 5-71					20		8,803	5.08	447						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST LAC INC	% REPT	PREDICTED DIFFERENCES MILK	%	FAT	$$
593839 MERMAID OWL CHALLENGER.....*		5	13	3-55,56,	24	2.6	10,635	4.85	516	5	38	+241	-.03	+9	+14
10-29-58 472114 1950649 5-71				63	37		10,119	4.90	496						
593855 PIXYS TRISTRAM STERLING.....*		1	17	1-35	17	3.2	9,911	5.11	506	12	27	+149	-.04	+4	+7
07-12-61 530104 1843337 5-71					12		9,418	5.28	497						
593864 PIXYS BRAMPTON CHAMPION.....		2	12	2-35,41	14	1.8	8,629	5.11	441	8	25	-191	+.04	-6	-10
01-26-61 520485 2269967 5-71					6		9,473	4.98	472						
593871 O JOHNNY OS SOUVENIR.....*		2	11	1-31	13	2.3	9,010	4.82	434	31	25	-43	.00	-2	-3
11-27-60 512545 2220428 5-71					19		9,224	4.84	446						
593882 BEACON BAS ARCHITECT.....*	35-05	18	33	7-35,41,	100	1.9	8,829	4.86	429	17	52	-283	-.04	-18	-22
07-12-60 559928 1872564 5-71				42,43,74	50		9,440	4.97	469						
593883 S.S. QUICKSILVER OF FALLNEVA..	93-16	15	28	3-82,88,	117	1.7	12,047	5.20	626	6	58	+825	+.12	+53	+65
08-26-60 553236 2166445 5-71				93	48		10,816	5.03	544						
593911 PRICELESS COMMANDO.....*		3	9	1-42	12	2.5	9,291	5.46	507	17	27	+212	+.04	+14	+17
08-27-60 578140 2049836 5-71					7		8,475	5.37	455						
593920 FAIR-WEATHER MISSILE.....*		21	11	8-11,21,	68	2.2	8,931	5.27	471	20	64	+155	+.01	+9	+11
09-20-60 584611 2245930 5-71				33,35,55	72		8,672	5.28	458						
593974 JESTER ETTA STAR.....*		7	12	7-16,31,	27	2.4	8,982	5.37	482	19	41	-210	+.11	-1	-6
07-13-61 565141 1634414 5-71				33,35,48	12		9,573	5.15	493						
593999 IOLEMERE CERES JUDE.....*		1	13	1-93	13	1.0	7,916	5.23	414	0	19	-293	+.05	-10	-16
09-11-60 583519 2204159 5-71					55		9,529	4.98	475						
594003 KEEPERS JESTER PREMIER.....*		3	12	2-86,93	20	1.5	8,159	4.66	380	11	31	+6	-.07	-6	-5
02-06-61 585748 2093281 5-71					45		8,060	4.93	397						
594027 VICTORY ROYAL COMMANDO.....*		1	18	1-48	18	1.7	9,145	5.37	491	35	24	+33	+.12	+12	+11
07-03-60 556063 2057356 5-71					19		9,021	4.88	440						
594028 CHINA BELLES COMMANDO.....*		1	46	1-48	46	2.4	8,971	4.99	448	18	28	-115	+.05	-1	-4
08-30-60 556063 1994185 5-71					15		9,436	4.85	458						
594030 VICTORY BASIL ADVANCER.....*		3	9	1-74	14	2.3	11,524	5.42	625	10	30	+1	-.01	-1	-1
01-02-61 497355 2147715 5-71					25		11,818	5.53	654						
594043 POLLED GOLDEN STANDARD.....*		1	18	1-74	18	2.6	9,487	4.57	434	0	26	+159	-.04	+4	+7
08-25-61 577058 1942836 5-71					28		8,882	4.69	417						
594051 TALISMAN ADVANCER SEMINOLE....*		1	12	1-65	12	2.8	7,738	5.32	412	**	24	-221	+.05	-7	-12
01-20-61 567063 1856244 5-71					32		8,646	5.16	446						
594108 HETHERINGTON TULIPS BASIL.....*		10	27	4-31,55,	55	2.0	7,848	5.17	406	18	42	-470	+.08	-17	-26
08-06-61 528332 2181813 5-71				56,74	131		8,987	5.01	450						
594118 LA PINE BASIL RADAR.....		1	22	1-92	22	1.8	8,189	5.02	411	27	25	-414	-.03	-23	-30
01-27-61 580308 2192128 5-71					16		9,989	5.16	515						
594142 GOLDEN ETTA CAPTAIN.....*		3	6	1-41	16	1.4	8,515	4.76	405	67	34	+25	-.07	-5	-4
03-06-61 565141 2234407 1-71					15		8,396	5.03	422						
594145 WHITEHOLM STYLISH CASTOR.....*	11-01	7	2	1-11	12	2.5	9,588	4.90	470	33	40	+165	-.03	+6	+9
10-06-60 582510 2138126 5-71					25		9,211	4.94	455						
594146 BRIGHAM ADVANCER SIEGFRIED....*		1	14	1-23	14	3.2	10,704	5.19	556	8	26	+95	+.05	+9	+10
06-14-61 555208 2C71304 5-71					14		10,504	5.04	529						
594149 BRIGHAM PLUTOCRAT SELDEN.....*		4	20	1-21	26	2.6	11,224	4.66	523	8	31	+415	-.16	+6	+16
07-31-61 580602 1507847 5-71					27		10,020	5.08	509						
594155 SECRET COURAGE ABOUL.....		1	36	1-82	36	1.8	8,600	5.71	491	14	26	+59	+.05	+7	+7
04-10-61 578237 2193620 5-71					26		8,321	5.59	465						
594157 CALIFORNIA PRESTO FLANDERS....		1	21	1-93	21	1.0	12,161	5.26	640	**	21	+134	+.01	+8	+10
03-27-61 534273 2194505 5-71					80		11,818	5.22	617						
594192 MILESTONE LARKSPUR PATTERN....*		4	30	2-55,56	37	3.1	10,723	5.09	546	5	34	+154	-.03	+5	+8
01-24-61 563805 2128379 5-71					72		10,431	5.20	542						
594212 JESTER BEACON RADAR.....		1	15	1-93	15	1.1	9,381	4.99	468	**	20	+93	+.02	+6	+7
03-10-61 582507 2296863 5-71					126		8,926	4.93	440						
594218 MARLU MILESTONE CHAMPION.....*		10	26	5-32,42,	42	2.3	9,310	5.10	475	10	37	+68	-.03	+1	+3
02-25-61 563805 2359069 5-71				43,73,74	25		9,156	5.21	477						
594229 BEAUTYS ROXIE ADVANCER.....*		6	25	2-55,74	51	2.3	7,945	5.05	401	17	42	-222	+.04	-8	-12
08-31-61 553149 2235246 5-71					126		8,431	4.99	421						
594245 MOHAWK ETTA STAR.....*		3	47	2-82,92	70	2.7	10,686	4.60	492	8	38	+67	-.04	0	+2
09-30-60 565141 2302469 5-71					25		10,694	4.65	497						
594275 MILESTONE ANSOM SLEEPER.....*		3	7	1-52	20	2.6	7,852	5.08	399	13	43	-152	-.04	-11	-13
08-28-60 584285 2299111 5-71					25		8,140	5.23	426						
594299 MARLU WONDERFUL MILESTONE.....*		6	37	2-42,57	61	2.3	8,563	5.38	461	14	39	-77	+.04	0	-2
12-29-60 563805 1821569 5-71					45		8,757	5.29	463						
594307 LONGS PEAK SYBIL ROYAL AIM....*		2	7	1-84	10	3.1	8,468	5.17	438	0	28	-86	+.04	-1	-3
09-05-61 542372 1974062 5-71					45		8,766	5.10	447						
594323 JEANS ROCKET.....		2	10	1-33	12	1.1	7,709	4.98	384	18	21	+96	-.03	+2	+4
03-31-61 585427 1955197 5-71					3		7,071	5.19	367						
594328 TORONO CHIEF.....*		2	6	1-31	12	3.5	9,525	4.93	470	10	34	+69	-.05	-1	+1
10-27-60 497574 2072217 5-71					11		9,372	5.13	481						
594342 GOLDEN ETTA BELMONT.....*		2	10	1-33	13	2.9	6,715	4.68	314	8	28	-294	-.05	-19	-23
04-05-60 565141 2150522 5-71					7		7,640	4.93	377						
594343 ETTA STAR MERCURY.....*		2	19	1-31	27	1.9	7,864	4.92	387	26	31	-152	+.02	-6	-9
08-12-61 565141 1766360 5-71					15		8,298	4.87	404						
594345 OORBROOKS MILKMAID RING MAN...*	91-01	13	3	2-91,92	23	1.9	9,933	5.36	532	13	53	-3	+.14	+12	+10
05-10-61 580702 2327135 5-71					24		10,062	5.13	516						
594346 MURRAY GANGSTER DESIGN.....*		2	10	2-61,63	12	2.3	8,003	4.97	398	9	26	+12	-.01	0	0
08-20-61 564162 1565130 5-71					36		7,857	4.99	392						
594348 COMMANDO NOBLE FAVORITE.....*		1	29	1-65	29	1.2	8,517	4.90	417	**	23	-225	+.04	-8	-12
09-10-61 552974 2C81975 5-71					33		9,573	4.78	458						
594351 MASTERMAN TORCH.....*		1	12	1-74	12	1.1	10,227	4.83	494	0	19	+39	-.02	0	+1
11-06-60 556418 1566003 5-71					17		10,150	4.91	498						
594390 EVERADYS GOLDEN CHAMP.....*		4	42	1-34	48	2.4	8,587	5.04	433	23	31	-130	+.02	-5	-8
01-04-61 574676 2144789 5-71					15		9,031	5.04	455						
594407 ANSOM VALOR.....*	33-03	132	4	37-13,21,	248	1.3	9,203	5.16	475	16	91	-94	+.02	-3	-5
10-30-58 010008847 010060687 1-71				22,31,65	25		9,358	5.17	484						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
594425 WASHINGTON SECRET GALAHAD.....*		4	10	2-13,14	17	1.8	10,871	5.03	547	29	30		+2	-.07	-6	-5
01-17-61 546354 2105810 5-71					76		11,087	5.27	584							
594455 JESTER BEACON LAD.....*	23-13	21	6	1-23	64	2.5	8,820	5.40	476	7	72		-62	+.23	+17	+13
03-09-61 531342 1799259 5-71					18		8,914	5.09	454							
594458 MISTY VALE CIPHEN LAD.....*		2	25	1-21	27	2.1	9,944	4.64	461	5	28		+201	-.11	0	+5
10-28-61 585348 2303578 5-71					16		9,266	5.00	463							
594463 ROLLERS COMPATABLE BLENDER....*		3	11	2-52,55	22	2.9	7,767	5.46	424	8	39		-246	+.10	-4	-10
11-15-60 552974 1867493 5-71					25		8,347	5.24	437							
594547 JOCELYNS SPOTTED CHIEF.....*		2	13	1-91	17	2.5	8,393	5.80	487	8	29		-266	+.12	-3	-9
03-24-59 574229 2097894 5-71					19		9,379	5.42	508							
594558 COMBINATION JESTERS ADVANCER..*	23-05	44	5	6-23,31,	117	2.3	8,568	5.01	429	13	83		-490	-.05	-29	-37
04-11-61 573454 2027467 5-71				35,54,56	16		9,191	5.08	467							
594592 BELMONT MASTERMAN SPY.....*		1	14	I-64	14	2.6	6,742	4.94	333	0	25		-338	+.03	-14	-20
05-27-61 558907 2180935 9-70					28		7,997	4.83	386							
594603 STYLIST MILESTONE.....*		15	4	5-11,12,	27	1.7	8,836	4.72	417	0	54		-321	-.13	-27	-31
06-02-61 589136 2195916 5-71				13,14,55	39		9,494	4.97	472							
594609 JESTERS BLONOE RECORDS ROYALIS*		1	15	1-91	15	2.7	8,215	5.28	434	13	25		-84	+.03	-2	-4
08-30-60 586589 2312459 5-71					17		8,520	5.25	447							
594611 BRIGHAM ELEANORA JEST.....*	21-10	10	1	2-13,21	12	2.2	8,026	5.35	429	25	43		-509	+.11	-16	-26
09-14-61 555208 1685088 5-71					25		9,262	5.09	471							
594617 BRAMPTON JESTING W R BEACON...*		2	10	1-74	12	2.6	8,857	4.57	405	0	26		+123	-.04	+3	+6
09-04-61 010121754 2270175 5-71					51		8,337	4.65	388							
594620 MONT B N C CZAR.....*		6	2	4-56,63,	11	1.9	7,622	4.84	369	25	36		-315	.00	-16	-21
04-12-59 567246 2275780 5-71				64,71	15		8,469	4.90	415							
594657 MARLU ANSOM PROMISE.....*		4	37	2-55,56	46	2.4	9,072	4.89	444	14	33		-210	+.10	-2	-7
06-25-60 584285 2274261 5-71					60		9,808	4.64	455							
594664 COMMANOO MILAOY SUPREME.....*	33-03	7	8	3-43,48,	34	2.1	10,939	4.65	509	0	51		+557	-.20	+9	+22
03-24-61 568339 1914089 5-71				71	19		9,957	4.98	496							
594673 SUNBEAM MARVEL.....*		4	34	1-55	40	2.6	8,694	5.13	446	6	32		-84	+.01	-3	-5
08-08-60 010127172 2380319 5-71					115		8,974	5.15	462							
594674 SABLES BEAUTY MODEL.....*		2	15	1-48	29	2.3	9,070	5.68	515	7	38		-7	+.08	+7	+6
06-05-61 497355 1747517 5-71					11		9,116	5.51	502							
594676 THE TRADEMARKS SUCCESSOR.....*	61-02	27	6	4-31,32,	77	2.0	8,264	5.28	436	14	73		-88	+.08	+3	0
06-14-61 585350 2285621 5-71				34,74	13		8,334	5.16	430							
594679 THE TRADEMARKS COMMAND.....		2	16	1-48	21	2.0	9,501	5.35	508	**	30		+92	+.08	+12	+12
08-06-61 585350 2285619 5-71					7		9,227	5.08	469							
594702 ITASKAS HAPPY KNIGHT.....*		2	6	1-48	10	1.9	7,966	4.95	394	11	27		-2	-.02	-2	-2
07-02-61 581485 2187478 5-71					11		7,880	5.08	400							
594724 ALL-STAR.....*		6	10	2-61,64	29	1.6	8,297	4.83	401	8	43		-110	+.01	-5	-7
07-01-61 565141 1578755 5-71					83		8,526	4.82	411							
594728 BILTMORE PINN CITATION.....*		6	2	2-55,74	10	2.4	8,348	4.65	388	29	37		+139	-.08	0	+4
06-21-61 549122 2169177 5-71					62		7,870	4.90	386							
594729 BASIL ADVANCER CHAMP.....		1	29	1-82	29	2.5	7,516	5.55	417	**	28		-241	+.02	-10	-15
09-23-58 551579 1704471 5-71					22		8,333	5.48	457							
594730 FAVORITE ADVANCER JOE-MAX.....		1	29	1-82	29	1.6	8,456	5.61	474	4	25		-23	+.01	0	-1
12-23-60 567898 2181049 5-71					28		8,517	5.59	476							
594733 MURRAY MOROCCO JEWELER.....*		1	15	1-61	15	2.5	7,906	4.69	371	**	25		-115	-.04	-9	-10
08-22-60 525627 1903328 5-71					16		8,324	4.88	406							
594737 LEADER BELLES STANDARD.....*		3	13	1-72	17	1.7	7,534	4.78	360	**	26		+125	+.02	+8	+10
01-13-61 567370 2274581 5-71					30		6,859	4.62	317							
594739 LEADER ZINNIA SUPREME.....*		10	2	3-41,42,	16	1.8	8,112	5.09	413	50	46		+68	-.04	0	+2
04-22-61 567370 1531368 5-71				43	7		7,865	5.25	413							
594768 BRIGHT BEAUTYS RADAR.....*		2	10	1-42	13	1.9	8,278	4.95	410	33	26		-33	-.06	-7	-7
07-18-61 584308 1616765 5-71					23		8,359	5.25	439							
594788 MADALENES GOLDEN STAR.....*		4	21	2-13,14	28	2.7	9,222	5.74	529	23	33		-15	+.14	+12	+10
09-09-61 565141 1995650 5-71					39		9,316	5.35	498							
594799 HATFIELD GOLDEN GOLDEN.....*	34-01	10	5	2-14,34	25	2.7	9,359	5.15	482	12	52		+306	-.06	+10	+16
01-15-61 565303 1848716 5-71					26		8,755	5.31	465							
594815 O-AT-KA JUNES SUPER8.....*		5	13	1-21	30	2.9	9,708	5.20	505	7	43		+143	+.02	+9	+11
10-10-61 553904 2147771 5-71					21		9,432	5.17	488							
594819 BIJOU GEM.....*		2	17	2-84,87	19	1.5	9,892	5.02	497	**	25		-16	+.04	+3	+2
10-21-59 567738 2352507 5-71					13		10,084	4.87	491							
594825 INAS REPEAT ADMIRAL.....*		1	10	1-31	10	1.6	8,753	5.07	444	56	20		-92	+.01	-4	-6
09-29-61 549126 1872080 5-71					31		9,270	5.08	471							
594826 FAIRVIEW WELCOME CHIEF.....*		1	12	1-54	12	1.4	8,342	5.54	462	50	21		-155	+.04	-4	-7
05-23-60 583040 2098896 5-71					18		9,128	5.38	491							
594828 MYRTLES SNOWDROP COMBINATION..*		1	15	1-31	15	1.8	9,335	5.27	492	8	23		+77	+.02	+6	+7
02-10-61 586677 2258374 5-71					17		9,023	5.21	470							
594836 IMP. THE MOUNTS ORANGE SOUVENI*		4	3	1-87	10	1.7	7,571	5.07	384	**	32		-378	+.06	-14	-21
08-04-60 601173 010C69588 1-71					20		8,749	4.91	430							
594846 JANICES GOLDEN STAR.....*	61-01	37	2	11-11,21,	63	2.4	8,906	4.94	440	13	77		+153	-.09	0	+4
09-25-61 565141 2108217 5-71				31,32,61	21		8,692	5.07	441							
594861 AIM DESIGN PASCAL.....*		2	17	1-43	19	2.2	8,801	4.73	416	0	27		+144	-.07	+1	+5
08-23-61 574917 2315556 5-71					3		8,210	4.96	407							
594869 JESTER BASIL DESIGNER CARL....*		1	33	1-31	33	2.1	8,110	5.19	421	13	27		+35	-.02	0	+1
10-08-60 531342 2320337 5-71					32		7,881	5.32	419							
594873 FILLPAIL MILESTONE GOLDEN.....*		2	19	1-56	21	2.6	8,669	5.32	461	0	29		-233	+.02	-10	-14
09-03-61 584562 2258544 5-71					44		9,560	5.29	506							
594897 B J A PAR EXCELLENCE.....*		14	1	3-21,23,	18	2.1	9,153	4.86	445	14	52		+180	-.10	0	+5
01-21-61 528332 1764752 5-71				55	20		8,800	5.08	447							
594903 BANNERS MILESTONE DREAM.....*		2	27	1-32	29	1.6	7,718	5.49	424	0	26		-55	+.02	-1	-2
08-22-61 588733 1608253 5-71					9		7,831	5.48	429							
594904 MIL ANSOMS VICTOR.....*		2	29	1-32	31	2.2	7,185	5.00	359	20	28		-253	+.08	-6	-12
01-23-61 584285 2299120 5-71					16		8,002	4.72	378							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	%	1ST REPT INC	PREDICTED DIFFERENCES MILK	%	FAT	$$
594905 ADVANCER SLEEPING MASTERMAN...*		7	5	2-42,47	14	2.3	7,467	5.12	382	8	37	-367	+.03	-16	-23
10-29-61 534585 1983665 5-71					12		8,424	5.08	428						
594912 ALTA SUN DANCER PEDRO.....*		1	21	1-93	21	2.4	8,995	4.88	439	5	26	+41	-.01	+1	+2
08-27-61 585397 2220376 5-71					136		8,837	4.92	435						
594913 RUSSELL PATTERN ROYAL KING....*		2	8	1-13	14	2.7	9,666	5.70	551	15	32	-19	+.09	+7	+5
03-16-61 552974 2069413 5-71					11		9,826	5.49	539						
594969 SPARKLE SUPER8 SHERWIN.....*	21-10	73	3	11-11,12,	123	2.0	8,915	5.09	454	27	86	-449	+.03	-20	-28
12-12-61 566264 1786161 5-71				13,14,21	20		9,501	5.07	482						
594983 BEACON JESTER STAR.....*		1	38	1-32	38	1.7	7,375	5.03	371	14	26	-350	+.01	-17	-23
07-29-61 590218 2183357 5-71					10		8,700	5.03	438						
594993 WINSOME NO8LE 8ASIL.....*		1	10	1-43	10	2.3	8,096	5.58	452	**	22	-107	+.05	-1	-4
02-10-61 575662 1873058 5-71					23		8,553	5.40	462						
594994 LORDS HILL LEAOER 8EACON.....*		1	30	1-13	30	1.5	6,987	5.14	359	10	24	-212	+.01	-10	-14
10-11-61 567370 2333772 5-71					14		7,752	5.17	401						
595009 SIDJOYS R.K. MR. SEPTEM8ER....*		3	11	2-51,52	15	2.1	7,412	5.07	376	8	28	-78	-.01	-5	-6
06-26-61 585427 2175975 5-71					13		7,567	5.21	394						
595019 JESTER RENEES MISTER.....*		3	14	2-55,56	18	2.3	10,425	4.86	507	13	29	-67	+.02	-2	-3
02-03-61 549122 2146585 5-71					57		10,859	4.85	527						
595030 GOLO RING NO8LE.....*		7	20	2-55,56	53	2.0	8,879	5.20	462	12	47	+73	+.12	+14	+14
10-25-61 564209 2137341 5-71					127		8,708	4.95	431						
595042 LI8ERATORS 8.J. 8ASILEUS.....		4	39	2-34,57	45	2.4	9,278	5.38	499	5	31	-8	+.05	+4	+3
04-02-61 564125 1891352 5-71					21		9,359	5.25	491						
595045 MISTER AOVANCER PINN.....*		1	15	1-32	15	2.5	6,424	5.04	324	20	25	-122	-.02	-8	-10
07-02-61 549122 1748752 5-71					18		6,704	5.21	349						
595053 BRAMPTON CONSTANT ACME.....*		3	27	1-14	47	1.8	7,603	5.23	398	24	36	-572	+.02	-27	-37
09-25-60 010121022 010233589 5-71					8		9,218	5.21	480						
595079 TOWAMENCINDALE W.R. NICHOLAS..*		1	26	1-23	26	2.8	8,209	5.46	448	12	28	-221	+.13	0	-6
11-21-61 520485 2006152 5-71					17		9,016	5.04	454						
595089 MARLU MILAOY MILESTONE.....*		27	3	13-11,13,	40	2.1	9,204	5.32	490	25	66	-144	+.12	+3	-1
12-26-60 563805 2299116 5-71				14,16,55	31		9,486	5.17	490						
595092 FAVORITE O8SERVER JAY.....*		1	15	1-11	15	3.1	10,163	4.92	500	7	26	+111	-.01	+5	+7
07-30-61 563813 2079910 5-71					25		9,840	4.92	484						
595093 O8SERVER FLOSSY EAGLE.....*	21-10	20	1	3-13,21,	24	2.7	10,039	4.72	474	17	60	+389	-.19	+2	+12
09-13-61 553236 2214615 5-71				56	22		9,452	5.00	473						
595097 FERNOALE DOTTRINAS COMMANDO...*		2	30	1-72	34	2.0	8,058	4.52	364	17	29	-159	-.02	-10	-12
10-18-60 554190 2211281 5-71					74		8,590	4.63	398						
595116 LI8ERATORS STANOARD JESTER....*		4	12	4-32,34,	28	1.9	9,517	4.92	468	11	39	+227	.00	+11	+15
07-01-61 564125 2050163 5-71				41,42	20		8,951	4.92	440						
595125 TENN JEWELER F O E LAO.....		2	11	1-63	21	3.0	11,245	4.70	529	16	38	+148	-.08	0	+4
09-03-61 525627 2270484 5-71					34		11,082	4.85	538						
595142 TWICE-AOVANCER 8 DESIGN.....*		3	31	1-65	35	1.4	11,074	4.61	510	19	27	+71	-.04	0	+2
11-02-61 561512 2174504 5-71					14		11,024	4.72	520						
595149 WONDERFUL DREAMING 8ASIL.....*		4	7	1-56	18	1.4	8,285	4.97	412	7	35	-260	+.04	-10	-15
10-05-61 531342 2155036 5-71					70		9,055	4.91	445						
595165 NATALIES 8EACON STANOARO.....*		9	4	3-56,63,	18	1.7	7,625	5.17	394	21	42	-354	+.07	-12	-19
11-25-61 580011 2131277 5-71				65	21		8,431	5.02	423						
595170 NATIONAL ANTHEM.....*		8	23	5-16,31,	54	2.0	10,543	4.67	492	7	44	+212	-.08	+3	+8
03-16-61 567839 1726392 5-71				35,41,87	16		10,198	4.81	491						
595173 DESIGNS ROYAL REVIVER.....*		3	30	2-31,55	36	2.3	6,982	5.31	371	8	31	-324	+.04	-13	-19
08-21-61 530454 2367334 5-71					8		7,938	5.19	412						
595175 MILKMANS SATELLITE.....*		4	8	3-82,88,	13	2.5	8,918	5.18	462	11	31	-216	+.03	-8	-12
02-24-61 550331 1914500 5-71				92	17		9,708	5.12	497						
595189 LEADER ORACONIS EM8LEM.....		3	14	1-43	23	2.0	8,032	5.14	413	**	34	-196	+.10	-1	-6
12-06-61 567370 2295694 5-71					14		8,591	4.83	415						
595192 RAOARS FAVORITE STAN.....		1	34	1-63	34	1.9	8,308	5.31	441	30	26	-238	+.07	-6	-11
03-04-61 559045 2122843 5-71					38		9,259	5.10	472						
595196 M.R. 8ILLY TOPFLIGHT.....*		2	12	2-33,84	22	1.6	8,132	4.87	396	27	33	-126	-.08	-13	-14
07-25-61 575685 2110681 5-71					36		8,487	5.17	439						
595217 HI-GOAL LEILAS TRISTRAM.....*		1	18	1-13	18	3.2	10,627	5.15	547	17	27	+270	-.07	+7	+13
11-19-61 593891 2280457 5-71					12		9,722	5.45	530						
595223 JEWELERS FASHIONMAN.....*		2	16	1-57	23	1.8	8,859	5.20	461	20	31	-104	+.06	0	-3
05-18-61 525627 1974087 5-71					16		9,244	5.06	468						
595224 RALEIGH DALE.....*		5	12	3-42,57,	19	2.2	8,967	5.23	469	6	32	+52	-.02	+1	+2
06-24-61 578536 1680277 5-71				91	51		8,796	5.34	470						
595232 MAJOR COMMANDO IT.....*		3	9	1-74	17	1.4	8,941	5.35	478	38	30	-316	+.11	-6	-13
09-25-61 571041 1631351 5-71					28		10,138	5.02	509						
595235 8ONNYS POLLY OAINTY LAO.....*		2	9	1-82	11	1.7	10,336	5.18	535	**	23	+33	-.03	-1	0
04-09-61 577811 2226105 5-71					16		10,340	5.35	553						
595236 LEONORAS STAR KING.....*		1	23	1-93	23	1.7	8,780	5.18	455	**	25	-118	+.04	-2	-5
08-18-61 583235 1913628 5-71					34		9,305	5.03	468						
595252 MARLU SOVEREIGN MILESTONE.....*	52-01	32	9	6-23,31,	127	2.4	9,355	5.01	469	16	80	+268	-.10	+4	+10
06-28-61 563805 2057458 5-71				35,52,55	25		9,037	5.17	467						
595253 MARLU MILESTONE STYLIST.....*		12	22	4-31,34,	49	2.1	10,283	5.12	526	8	43	+109	-.06	0	+3
07-03-61 589136 2187382 5-71				91,92	24		10,163	5.27	536						
595254 MARLU MILAOY STYLIST.....*	91-13	53	8	8-43,84,	151	1.5	9,992	4.95	495	17	81	-12	-.13	-12	-10
07-21-61 589136 2155972 5-71				87,91,92	28		10,136	5.12	519						
595256 MARLU ADVANCER MILAO.....*		3	13	3-55,57,	18	2.4	8,843	4.76	421	6	30	-74	-.04	-7	-8
11-16-61 589069 1826073 5-71				63	24		9,119	4.91	448						
595262 PIXYS TRISTRAM UTAH.....		2	19	2-35,41	21	1.0	9,650	4.99	482	0	22	+168	-.04	+5	+9
11-12-61 530104 2294769 5-71					14		8,899	5.20	463						
595265 PIXYS KELLY.....*	31-02	8	11	5-35,41,	31	1.9	11,036	4.78	527	0	45	+630	-.08	+24	+36
01-18-62 520485 2269967 5-71				52,63,64	62		9,713	4.91	477						
595278 LI8ERATORS STANOARD SIR.....		2	11	1-32	13	2.6	6,869	4.95	340	0	26	-250	-.03	-15	-19
04-28-61 564125 1791099 5-71					5		7,713	5.12	395						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
595279 GOLDEN ETTA BLONDE BASILEUS...*		3	5	3-32,34,	10	1.7	7,622	4.99	380	33	28	-372	+.02	-17	-24
06-08-61 565141 2248091 5-71				42	22		8,946	4.95	443						
595296 PIXYS TRISTRAM TREVOR.....		1	22	1-35	22	1.4	10,254	4.90	502	38	23	+150	-.01	+7	+10
08-31-61 530104 2269960 5-71					5		9,687	4.90	475						
595333 SIGNAL KARNA PRINCE.....*		1	45	1-92	45	1.8	8,344	5.02	419	12	27	+144	-.01	+6	+9
04-18-61 544287 1921304 5-71					24		7,690	5.07	390						
595352 LEADERS ROYAL COMMANDO.....*		1	16	1-32	16	2.0	6,458	4.86	314	7	24	-147	-.03	-10	-12
09-14-61 567370 2114743 5-71					10		6,876	5.12	352						
595354 LEADERS OXFORD DREAMER.....*	72-01	11	47	2-65,72	98	1.8	8,336	4.73	394	8	43	-133	+.02	-5	-8
09-28-61 567370 2125841 5-71					53		8,623	4.70	405						
595371 MACS MERVIA HELGA SEERS BOUQUE*		1	12	1-92	12	1.6	9,488	4.93	468	**	21	-114	-.03	-8	-10
03-22-61 010009153 2390144 5-71					63		10,170	5.10	519						
595372 MACS VALIANT RULER WONDER LAD.*		6	5	2-92,93	21	2.0	9,391	4.74	445	0	45	-60	-.10	-12	-12
03-28-61 010009120 2390142 5-71					26		9,602	4.98	478						
595384 ASTRONAUT.....*		1	10	1-92	10	3.3	10,488	5.02	527	13	23	-21	+.01	0	-1
06-22-61 552974 2185740 5-71					13		10,774	5.04	543						
595394 SLEEPING STAR.....*		8	2	2-41,42	11	2.1	8,127	5.09	414	20	39	-41	+.05	+2	+1
01-06-62 534585 2370078 5-71					11		8,165	4.95	404						
595396 ADVANCER DANDY TIM.....*		2	12	1-32	14	1.5	10,656	4.52	482	0	23	+445	-.10	+13	+22
12-22-60 541866 1574337 5-71					11		8,697	4.86	423						
595406 BAS AIM ORCHID JESTER.....*	33-03	11	9	6-56,57,	36	2.2	10,452	4.90	512	9	51	-102	+.06	0	-3
12-07-61 542372 2159516 5-71				61,63,74	36		10,854	4.80	521						
595408 MILKY BLONDE PRUDENCE BASIL...	63-01	11	2	1-63	16	2.1	7,674	5.17	397	27	48	-522	+.13	-15	-26
01-09-62 550331 2147383 5-71					30		8,764	4.90	429						
595439 HEADSPRING RECORD MATADOR.....*		3	54	1-56	65	2.1	9,275	5.25	487	16	32	+19	-.01	0	0
08-01-61 520485 1931028 5-71					45		9,257	5.31	492						
595447 ZEPHYR ADVANCER MILKMAN.....*		6	8	4-12,13,	22	2.0	9,715	5.07	493	16	41	-73	+.01	-3	-4
09-24-61 550285 1858250 5-71				14,21	32		10,011	5.08	509						
595450 DESIGNER SIR LUCIFER.....*		1	30	1-21	30	2.1	8,873	4.88	433	17	27	-280	-.10	-23	-26
09-18-61 568077 2410825 5-71					24		10,052	5.31	534						
595472 ITASKAS RULING DESIGNER.....*		1	14	1-33	14	2.1	6,615	5.09	337	14	23	-167	+.03	-6	-9
10-16-61 581485 2263849 5-71					20		7,171	4.99	358						
595478 GIL-BAR ETTA BARONET.....*		1	12	1-33	12	2.4	8,624	5.01	432	33	23	-92	-.04	-8	-9
05-24-61 590777 2308371 5-71					20		9,051	5.23	473						
595480 WONDERFUL ETTA COMMANDO.....*		2	7	1-41	10	2.5	9,369	5.04	472	13	27	+77	-.02	+2	+4
07-29-61 590777 2034336 5-71					13		9,113	5.14	468						
595481 GIL-BAR ETTA IMMORTAL.....*	91-11	7	4	2-35,41	15	1.8	7,634	5.16	394	29	39	-17	+.01	0	0
08-07-61 590777 2189656 5-71					10		7,551	5.14	388						
595483 TRISTRAM BARONET REFSKIL.....*		4	19	2-91,92	49	2.4	10,952	4.76	521	9	47	+304	-.09	+7	+14
04-07-59 555157 1894565 5-71					10		10,461	4.89	512						
595497 GLENDOWAN WHOOPS RADAR.....*		1	22	1-92	22	1.6	7,210	5.27	380	**	24	-274	.00	-14	-19
02-15-60 010124107 010276066 5-71					18		8,305	5.33	443						
595499 JEWELERS TRISTRAM.....*		2	13	1-57	15	1.1	8,636	5.22	451	**	22	+53	-.02	+1	+2
01-21-62 525627 1912148 5-71					62		8,341	5.35	446						
595500 GLENDOWAN MOLLYS BIJOU.....*		1	17	1-92	17	2.4	5,869	5.15	302	10	25	-314	.00	-16	-21
11-17-59 010124107 010269832 5-71					14		6,923	5.20	360						
595507 RING MAN PREMIER.....*		1	21	1-13	21	2.4	8,551	5.38	460	6	26	-171	+.05	-4	-8
11-19-61 591619 1892581 5-71					39		9,241	5.25	485						
595516 SECRET TRISTRAM COUNT.....*		3	11	2-52,55	16	3.1	9,253	5.21	482	0	32	+37	+.05	+6	+6
05-06-61 577221 2264096 5-71					27		9,169	5.09	467						
595519 SUPREME ADVANCER BARREO.....*		4	28	1-91	37	1.7	9,577	5.44	521	33	31	-165	+.08	-1	-5
01-12-61 580703 2210279 5-71					23		10,262	5.23	537						
595550 MARLU MILESTONE STAROOM.....*	61-02	96	8	12-31,33,	310	1.7	9,193	5.06	465	14	90	+408	+.06	+26	+32
05-03-61 563805 1726397 5-71				61,63,65	20		8,726	4.99	435						
595555 DORAS PATTERN.....*		1	13	1-86	13	2.3	9,681	4.84	469	**	24	+48	+.01	+3	+4
11-07-61 552974 1642480 5-71					23		9,553	4.79	458						
595574 GRANDVIEW FASHION LEADER REPEA*		1	23	1-91	23	2.2	9,926	5.07	503	23	26	-42	-.01	-3	-4
02-16-62 567370 1774293 5-71					14		10,229	5.13	525						
595590 HILL-O-OAK MAJESTY SILVER.....*		1	15	1-74	15	1.8	10,029	4.49	450	11	23	+30	-.01	+1	+2
11-08-61 560510 2294554 5-71					25		10,012	4.45	446						
595591 HILL-O-OAK MAJESTY MILKMAN....*		3	26	1-71	39	2.5	8,704	4.87	424	8	37	+241	-.02	+10	+15
01-12-62 560510 1944874 5-71					9		7,954	4.90	390						
595607 HOW BLIE ADVANCER DAVE.....*		5	14	2-35,41	21	2.2	8,471	5.12	434	5	32	+58	-.03	0	+2
03-07-61 534585 2091628 5-71					8		8,225	5.25	432						
595612 OORBROOKS VOLUNTEERESS RING MA*		5	26	1-51	50	2.2	8,092	5.51	446	5	41	-122	+.06	-1	-4
11-05-61 580702 1997134 5-71					14		8,338	5.42	452						
595614 WELCOME TRISTRAM.....*		1	14	1-34	14	2.1	7,757	5.58	433	14	24	-265	-.01	-14	-18
11-03-61 549126 2162909 5-71					74		8,889	5.67	504						
595627 NOBLE SLEEPING PET.....*		2	15	1-65	23	2.7	8,167	4.79	391	13	34	-11	-.03	-3	-3
10-01-61 587896 2031797 5-71					24		8,128	4.88	397						
595639 SMOKEY HILL ABBYS MILKMAN.....*		2	14	1-23	16	2.2	10,297	5.00	515	25	26	+19	+.01	+2	+2
12-22-61 550331 2357670 5-71					15		10,376	4.97	516						
595641 PATIENCE BAS MILKMAN.....*	91-11	4	10	1-74	30	1.4	10,045	5.07	509	15	41	+127	-.04	+3	+6
12-19-61 550331 2231590 5-71					24		9,836	5.15	507						
595651 CHAMPIONS NEW YORK ENVOY.....*	21-01	17	2	2-21,92	28	2.4	9,681	5.04	488	12	60	+66	+.02	+5	+6
07-07-61 519828 1985832 5-71					23		9,652	5.00	483						
595680 HEADSPRING RECORD MAJESTY.....		1	17	1-56	17	1.7	7,742	4.69	363	19	23	-318	-.04	-19	-24
08-28-61 520485 2211471 5-71					3		9,152	4.90	448						
595723 RINCONADA ZEPHYRS SUPREME.....		1	19	1-93	19	1.2	7,122	4.98	355	63	22	-361	+.04	-15	-22
11-23-61 583182 2212517 5-71					149		8,784	4.87	428						
595728 GOLDEN ETTA BASIL X.....*		1	11	1-35	11	1.6	7,262	5.55	403	18	20	-174	+.09	-1	-5
08-19-61 588304 2314286 1-71					35		8,055	5.08	409						
595732 ETTAS B.J.A. GOLD BOND.....*		2	9	1-32	11	1.6	7,667	5.43	416	36	23	-180	+.07	-3	-7
09-07-61 528332 2181811 5-71					23		8,411	5.11	430						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	%	FAT	%	PAT INC	1ST REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
595736 B.S. BETH FAVORITE.....*		2	5	1-63	10	2.8	9,219	4.59	423	0	30	+139	-.07	+1	+4
11-13-61 578236 2330503 5-71					66		8,753	4.75	416						
595738 TRISTRAM BELMONT B P.....*		1	23	1-64	23	1.7	7,663	4.89	375	0	25	+10	+.03	+3	+3
10-01-61 472114 2328632 5-71					26		7,485	4.74	355						
595766 REMUS OOUBLE BARONET.....*		2	8	1-92	12	1.8	9,685	5.54	537	8	27	+33	+.11	+11	+10
10-05-61 572649 1825585 5-71					17		9,641	5.20	501						
595792 FAVORITE EAGLE VOL. BOY.....*		5	24	1-21	66	2.2	9,868	4.90	484	14	50	+400	-.12	+9	+18
12-09-61 563813 2151753 5-71					36		9,088	5.16	469						
595805 RALEIGH GOLO.....*		1	11	1-57	11	1.8	7,615	5.62	428	20	21	-205	+.07	-4	-9
11-13-61 578536 1739948 1-71					62		8,548	5.30	453						
595807 EASTGLEN OREAM COUNT.....*		8	6	2-13,21	28	2.3	8,982	4.77	428	15	51	-162	-.09	-16	-17
10-15-61 570683 1933116 5-71					21		9,352	4.95	463						
595810 MILAOY STAR PRINCE.....	63-01	21	4	1-63	54	2.3	8,354	4.80	401	15	72	-247	-.04	-16	-20
02-11-61 571911 2034442 5-71					13		8,682	4.87	423						
595811 MILESTONE STAR.....*		3	10	2-87,88	16	1.8	7,927	5.13	407	**	30	-162	+.05	-4	-8
08-10-61 579937 2085024 5-71					40		8,426	5.01	422						
595814 TULIPS CAROM BEACON.....*		2	9	1-74	16	2.3	8,539	4.77	407	38	33	+15	+.05	+5	+5
08-15-61 010121754 1696184 5-71					20		8,452	4.57	386						
595854 MATTIES AOVANCER SLEEPER.....*		6	10	5-57,61,	23	2.4	10,958	4.56	500	14	39	+215	-.13	-1	+5
05-15-61 534585 1868051 5-71				63,64,74	30		10,579	4.85	513						
595874 OBSERVER SUNOIAL.....*		4	5	3-14,21,	10	2.2	9,480	5.74	544	33	28	-248	+.14	0	-6
01-03-62 553236 2152816 5-71				63	72		10,522	5.28	556						
595904 BROWNYS DREAMER.....*		2	9	1-63	11	1.6	7,425	4.93	366	10	23	-39	+.01	-1	-2
09-16-61 550331 1690964 9-70					13		7,464	4.92	367						
595928 IROEL LOUISES TOP HONOR.....*		1	15	1-42	15	3.1	8,640	5.25	454	0	26	-55	+.01	-2	-3
05-07-61 572592 2026330 5-71					14		8,853	5.28	467						
595944 COMMANDO MARLU VOLUNTEER.....*		6	6	3-86,91,	23	2.4	10,263	5.17	531	**	49	+358	+.10	+27	+32
02-12-62 550331 2369918 5-71				92	35		9,599	4.99	479						
595975 TEFFIA AIM ANDY.....		2	19	2-41,85	21	1.6	7,203	5.14	370	22	25	-268	+.05	-9	-14
01-30-62 534381 2409630 5-71					6		8,204	4.96	407						
595976 JESTER BS NOBLE.....		1	64	1-58	64	1.9	8,280	4.84	401	12	28	-65	+.01	-2	-3
12-11-61 542372 2214989 5-71					102		8,479	4.82	409						
595994 CAROM CASTOR INVENTOR.....*	21-10	12	6	4-11,12,	28	2.1	9,052	4.93	446	20	51	-274	-.02	-15	-20
12-16-61 585327 2087775 1-71				13,21	43		9,669	4.97	481						
595999 MASTERMAN STANDARD AMBASSADOR.*	21-10	16	4	3-21,58,	32	2.3	8,906	5.24	467	4	59	-199	+.09	-2	-7
02-09-60 575184 1763098 5-71				74	54		9,286	5.12	475						
596006 WALLFLOWER R OESIGN.....*		1	10	1-56	10	2.4	9,904	4.92	487	0	23	-149	+.01	-7	-10
05-10-61 570695 1727843 5-71					5		10,756	4.93	530						
596011 THE SLEEPER.....*		7	11	4-23,31,	21	2.0	9,189	5.20	478	47	35	+62	+.01	+4	+5
11-02-60 534585 1799200 5-71				57,61	14		9,026	5.21	470						
596059 ETTA COMMANOO PLAYBOY.....		2	35	1-73	70	1.5	8,117	4.88	396	33	40	+50	-.06	-3	-1
08-24-61 556092 1911977 5-71					50		7,897	5.09	402						
596065 HEADSPRING SPARKLING PIONEER..*		1	34	1-74	34	1.5	7,902	4.86	384	0	25	-52	+.02	-1	-2
10-20-61 508078 1907450 5-71					71		8,032	4.79	385						
596071 AOVANCERS RANOY.....*		2	22	1-84	24	1.6	5,833	5.42	316	30	26	-350	+.04	-14	-21
01-27-62 576840 2135364 5-71					35		7,023	5.24	368						
596109 P.V.F. SYBIL OWL SALEM.....*		3	8	1-21	20	2.6	8,966	4.91	440	7	41	-223	-.02	-13	-17
12-11-61 516388 2146175 5-71					31		9,589	4.98	478						
596110 MARLU MILAOY STYLEMASTER.....*	23-11	31	12	2-21,23	125	2.2	9,186	4.87	447	6	76	+29	-.20	-16	-13
10-01-61 589136 2092100 5-71					16		9,180	5.14	472						
596178 LORO PRINCE REX OF O.K.....		1	10	1-92	10	1.0	11,396	5.19	592	13	18	+284	+.02	+16	+21
11-07-58 563834 1826663 5-71					5		9,895	5.11	506						
596208 STAROUST ITASKAS AOVANCER.....		2	34	1-93	64	2.7	8,087	5.37	434	2	44	-367	.00	-18	-24
08-04-61 585423 2269613 5-71					34		8,933	5.40	482						
596229 BRIGHAM CONFIDENT JUNIOR.....		1	15	1-21	15	1.0	9,203	5.78	532	**	20	-69	+.10	+5	+2
08-10-61 561487 2202273 1-71					29		9,637	5.30	511						
596250 MARLU PRINCE MILESTONE.....*		5	25	2-65,72	40	2.2	7,886	5.02	396	30	36	-44	+.02	0	-1
07-03-61 563805 1821595 5-71					33		7,917	4.96	393						
596251 MARLU COMMANDO MILAO.....*		5	20	4-22,23,	27	2.3	8,630	5.63	486	8	32	-226	+.11	-2	-8
01-31-62 589069 2226835 5-71				55,56	30		9,387	5.35	502						
596262 MASTERMAN ETTA POLISH.....*	35-21	2	39	2-48,84	48	1.9	10,237	5.26	538	17	31	+219	+.04	+15	+18
09-04-61 584799 2090429 5-71					25		9,612	5.16	496						
596263 BURCHFIELD GRACES MILKMAN.....*		1	10	1-65	10	3.9	6,993	5.16	361	0	25	-199	+.03	-7	-11
07-13-60 571246 2030394 5-71					27		7,681	5.03	386						
596266 PIXYS TRISTRAM YANCY.....*		2	14	2-11,41	16	2.8	9,837	4.67	459	13	28	+280	-.10	+5	+11
04-03-62 530104 2175676 5-71					8		8,837	5.00	442						
596271 BELMONT POMPOUS NOBLE.....*		9	3	3-21,33,	15	1.7	8,313	5.23	435	20	42	-239	.00	-12	-16
08-25-61 581144 2326250 5-71				42	16		8,892	5.26	468						
596272 JESTING VALIANT.....*		4	13	3-12,33,	31	2.0	9,835	5.22	513	14	42	-1	+.03	+3	+2
08-25-61 552439 2384526 5-71				61	18		9,949	5.17	514						
596293 SCOTT JERSEY FARM LADS VOLUNTE		1	10	1-42	10	1.6	8,273	5.21	431	**	20	-52	.00	-3	-4
01-28-61 581775 2077211 5-71					19		8,502	5.30	451						
596343 ULTROYAL WINSOME PREMIER.....*		1	15	1-13	15	2.1	7,259	5.07	368	21	24	-296	+.03	-12	-18
09-07-61 588334 2038684 5-71					12		8,472	4.97	421						
596344 ULTROYAL FILLPAIL LAD.....*		1	10	1-31	10	2.3	5,987	5.28	316	0	23	-465	+.04	-20	-29
01-12-62 592162 2332554 5-71					13		7,949	5.12	407						
596358 HEADSPRING RECORD SAM JET.....*		4	35	1-56	51	1.6	8,594	5.47	470	28	33	-453	+.06	-18	-27
01-09-62 520485 1931042 5-71					103		10,095	5.32	537						
596407 MARLU MILESTONE MARK.....*	72-01	57	11	8-21,31,	206	2.0	8,924	4.84	432	7	84	+239	-.02	+10	+15
10-19-61 563805 1914092 1-71				56,63,65	33		8,616	4.85	418						
596408 HATFIELD JESTER BLONDE RADAR..*		2	14	2-34,73	16	2.5	7,635	5.42	414	25	27	-236	+.08	-5	-10
03-25-62 561531 2215658 5-71					13		8,473	5.13	435						
596409 BELLE COMMANDO STANDARD COUNT.*		3	11	1-42	15	2.1	7,031	5.15	362	29	28	-202	+.02	-8	-12
03-13-61 574197 2025223 5-71					12		7,650	5.11	391						

REGISTRATION NUMBER NAME DF BULL	STUD CODE	NUMBER DF HERDS	EFF DAU /HD	STATES AND- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
596438 MARKSMAN MDNITDR.....*		4	26	2-23,52	38	2.0	9,672	5.13	496	14	33	+163	-.05	+4	+8
08-05-61 576127 2164965 5-71					16		9,220	5.31	490						
596471 GAYDSD ACTRESS SULTAN.....*		1	23	1-65	23	2.3	7,044	5.00	352	19	26	-8	.00	0	0
11-21-61 541866 2193505 5-71					119		6,881	4.97	342						
596473 JESTER X RDSS.....*		2	7	2-82,84	11	1.6	8,829	4.97	439	0	26	-105	-.04	-9	-10
08-05-61 556018 1893251 5-71					33		9,279	5.19	482						
596476 TOREADOR ADVANCER KING.....*		2	14	1-31	16	2.3	7,581	5.04	382	44	26	-339	+.07	-11	-18
11-10-61 548159 2140350 5-71					16		8,897	4.78	425						
596484 ULTROYAL 8ELMDNT PREMIER.....*		1	40	1-14	40	2.0	6,293	5.28	332	4	27	-461	+.04	-20	-29
07-01-61 588334 2162327 5-71					14		7,902	5.14	406						
596502 IMP. SAFE AND SOUND.....*		8	3	5-23,31,	16	2.1	8,375	4.75	398	47	45	-324	-.14	-28	-32
03-28-57 010008352 010063291 5-71				32,34,91	20		9,128	5.11	466						
596503 IMP. ITASKAS FILLPAIL DAZZLER.*		10	7	8-14,15,	31	2.7	9,163	5.60	513	13	54	-319	+.26	+6	-3
09-23-59 010009042 2555788 5-71				23,48,87	16		9,854	5.17	509						
596504 THANKFUL SURPRISE-S ROYAL.....*		13	2	9-14,31,	22	1.4	8,576	5.10	437	6	51	-331	-.04	-20	-25
04-14-61 596501 010069219 5-71				32,34,51	23		9,271	5.20	482						
596519 IMP. THANKFUL SURPRISE FILLPAI*		4	30	1-64	60	2.0	8,245	4.72	389	9	42	-154	-.04	-11	-13
08-09-61 594412 010061024 5-71					77		8,593	4.83	415						
596544 COUNT 8ASILEUS NO8LE.....*		1	29	1-64	29	2.7	7,849	5.08	399	8	28	-10	+.01	0	0
02-12-61 584735 2193215 5-71					40		7,781	5.13	399						
596582 JESTER LUCKY 8ASILEUS.....*		3	12	1-31	16	2.1	8,058	5.16	416	8	28	-194	-.03	-12	-15
10-16-61 542372 2099148 5-71					21		8,748	5.33	466						
596588 COMMANDER 8ASIL JESTER.....*		4	35	3-23,31,	42	2.2	8,700	5.25	457	10	31	-147	+.03	-5	-8
02-21-61 531342 2079814 5-71				55	26		9,211	5.21	480						
596615 HUTCHINSON FARM WIN.....*	21-10	26	3	4-13,14,	55	2.4	8,594	5.04	433	19	73	-533	-.10	-35	-43
12-01-61 570723 1989133 5-71				16,55	16		9,373	5.20	487						
596624 ELMS 8EACON LORD CHAMPION.....*		3	13	1-21	17	2.6	6,642	5.19	345	7	30	-250	+.02	-11	-16
01-07-62 537666 2245594 5-71					17		7,343	5.19	381						
596633 ATLASTA JESTER DF DOU8LE J....		1	25	1-35	25	2.0	9,323	4.71	439	4	26	+222	-.03	+8	+12
11-19-61 565781 2275831 1-71					40		8,421	4.77	402						
596750 COMMANDD 8ELLS PATTERN.....*		1	15	1-73	15	2.4	8,520	4.88	416	8	25	-80	+.01	-3	-5
01-03-61 552974 2202299 5-71					24		8,841	4.85	429						
596778 D-AT-KA SUPER8 COMMANDD.....*		2	7	1-21	13	2.5	8,105	5.39	437	54	30	-320	+.06	-11	-17
11-01-61 553904 2230520 5-71					25		9,209	5.22	481						
596785 PAN AMERICAN AIM.....*		2	11	1-74	13	1.3	9,368	5.00	468	**	22	+115	-.02	+4	+6
10-07-61 568645 2017445 5-71					90		8,854	5.08	450						
596786 PAN AMERICAN MIKE.....*	33-03	9	13	6-13,31,	33	3.0	9,896	5.25	520	6	46	+352	+.04	+21	+27
10-07-61 568645 2017445 1-71				32,34,41	7		9,167	5.20	477						
596790 INTENSIFIER DESIGN OOC.....*		1	11	1-92	11	1.5	6,275	5.15	323	**	20	-329	+.03	-14	-20
01-20-62 578364 2146631 5-71					36		7,796	5.04	393						
596795 FAIR-WEATHER SUPER8 WINSOME...*		6	8	4-21,56,	19	2.5	7,909	5.17	409	19	38	-309	-.02	-17	-22
07-11-61 553904 2276996 5-71				57,74	85		8,706	5.26	458						
596812 CHAMPIONS CHERYL TRISTRAM.....*		1	13	1-23	13	2.6	9,857	5.10	503	0	25	-25	-.01	-2	-2
01-02-62 585904 2073831 5-71					28		10,087	5.17	522						
596825 OOR8ROOKS WINSOME PAILFILLER..*		2	15	1-31	19	2.0	6,968	5.17	360	0	28	-528	+.03	-24	-34
11-14-61 588336 2050938 5-71					10		8,857	5.08	450						
596827 RECDROS 8EACON PINN.....*		2	8	1-93	12	1.3	9,721	5.39	524	33	25	-39	+.07	+4	+2
07-24-60 520485 2243771 1-71					66		9,994	5.13	513						
596829 8 J AS RECORD TRISTAM.....		2	22	1-93	40	1.6	10,275	5.13	527	19	37	+19	+.02	+3	+3
05-18-61 528332 2356168 5-71					62		10,375	5.09	528						
596832 O8SERVER CHOCOLATE SOLOIER....*	21-10	19	1	6-11,12,	20	2.3	10,911	4.78	522	6	57	+713	-.17	+19	+34
04-10-62 553236 2095421 5-71				13,14,21	23		9,740	5.06	493						
596887 ETTAS ADVANCER COM8INATION....*		3	19	2-23,31	23	2.3	7,698	5.14	396	5	29	-151	-.04	-11	-13
10-01-61 573454 2039318 5-71					26		8,148	5.34	435						
596940 ETTAS MARLU SEPTEM8ER 8OY.....*		2	16	1-31	18	1.9	7,912	5.01	396	50	26	-145	+.03	-5	-8
03-14-62 556092 2015671 1-71					14		8,445	4.91	415						
596941 L. COMMANOO.....*		3	10	1-42	21	2.6	8,850	5.22	462	15	38	-27	+.03	+1	0
08-24-61 556092 2299390 5-71					8		8,932	5.16	461						
596942 ETTAS ENVOY.....*		5	2	2-35,42	10	2.7	8,997	5.06	455	11	37	+118	-.01	+5	+7
10-18-61 577289 2005113 5-71					11		8,653	5.11	442						
596955 8UCCANEER GOLD MAJESTY.....*		4	22	2-14,21	28	1.8	8,696	4.86	423	19	29	+130	-.07	0	+3
03-03-62 570683 2065526 5-71					10		8,179	5.18	424						
596956 CONFIDENT H CHIEF.....*		2	20	2-61,63	24	2.5	9,966	4.70	468	5	30	+319	-.04	+12	+18
09-29-61 549809 2181456 5-71					7		8,921	4.76	425						
596957 HEADSPRING FIRST-MILESTONE....*		2	15	2-56,63	17	2.5	9,844	5.03	495	0	28	+12	-.03	-2	-1
12-14-62 563805 2207821 5-71					128		9,905	5.18	513						
596960 FAIR-WEATHER SUPER8 MASTER DON*		3	7	2-14,21	15	3.0	10,898	5.37	585	7	36	+341	+.08	+24	+29
01-18-62 553904 2332999 5-71					30		10,085	5.24	528						
596963 RATHERWYCK JESTER JOHN.....*		4	21	3-11,12,	30	2.4	9,494	4.83	459	10	34	+177	-.11	-1	+4
02-19-62 583427 2328092 5-71				56	14		8,988	5.21	468						
596965 SLEEPING AOVANCER.....*		7	12	4-11,31,	24	1.9	9,104	5.03	458	17	36	+126	-.01	+5	+7
12-23-61 586832 2123926 5-71				42,54	29		8,744	5.07	443						
596968 J.J. FASHION LEAOER OANDY.....*		1	11	1-41	11	1.9	8,687	4.86	422	13	22	+119	-.07	0	+3
02-12-62 567370 2245255 5-71					3		8,063	5.30	427						
596969 GOLOEN ETTA TORCH.....*		3	5	1-74	11	1.3	8,725	4.94	431	10	28	-229	+.02	-10	-14
11-14-61 584799 2135418 5-71					44		9,621	4.93	474						
596984 ADVANCER FAVORITE RAM8LER.....*		2	13	2-82,85	15	2.3	9,933	5.18	515	0	26	-1	+.02	+2	+2
12-03-61 541866 2218010 5-71					15		10,063	5.12	515						
597006 EOEN VALLEY 8ASILEUS.....*		4	14	2-33,45	19	2.7	10,580	5.16	546	6	32	+317	.00	+16	+22
07-04-61 584735 2155726 5-71					18		9,657	5.19	501						
597013 OOU8LE DUTY.....*		1	14	1-31	14	2.4	7,703	5.36	413	0	25	-295	+.06	-10	-16
09-09-61 531342 1689175 5-71					17		8,902	5.16	459						
597035 GOLDEN ETTA ROCK.....		2	8	1-74	12	1.0	10,736	4.90	526	20	23	+136	.00	+7	+9
11-04-61 584799 2290468 5-71					12		10,300	4.85	500						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK MILK	% %	FAT FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
597049 BRATTLE BROOK DREAMING DESIGN.*		3	10	1-14	14	2.4	8,939	5.67	507	25	29	-30	+.11	+8	+6
08-05-62 552844 2175008 5-71					7		9,070	5.30	481						
597050 MAIDENS VISITOR.....*		2	17	1-33	19	1.7	9,345	5.32	497	41	25	+32	.00	+2	+2
10-15-61 584285 2299114 5-71					12		9,259	5.31	492						
597051 HI RANGE COMMANDO REGENT.....*		2	23	1-63	25	1.8	10,363	5.33	552	22	26	+301	-.01	+14	+19
05-03-60 563805 2128384 5-71					15		9,256	5.47	506						
597056 RANDLEIGH CONFIDENT CHIEF.....*		3	15	1-21	30	2.5	8,388	5.44	456	14	40	-122	+.10	+3	-1
03-06-62 557265 2237094 5-71					9		8,681	5.16	448						
597060 R.O.F. MASTERMAN HUCK.....*	21-10	13	3	2-21,56	19	2.8	8,423	5.40	455	6	50	-365	+.14	-6	-14
03-22-62 520485 2177395 5-71					25		9,181	5.14	472						
597061 LACTIFLORAS RULER.....*		2	25	2-21,31	30	2.2	8,048	5.26	423	30	30	-304	+.04	-12	-18
10-13-61 010008814 2439422 5-71					15		9,101	5.16	470						
597081 GOLDEN ETTA GUS.....*		4	4	3-31,35,	11	1.6	7,727	5.14	397	33	32	-277	+.06	-9	-15
05-09-61 565141 2122241 9-70				56	60		8,573	4.97	426						
597097 MARLU MILAO MODEL.....*	34-01	41	5	6-23,32,	118	1.6	8,555	4.99	427	28	81	-164	-.11	-18	-19
12-15-61 589069 2195900 5-71				34,42,50	20		8,749	5.17	452						
597102 BURCHFIELD MARIGOLOS RECORD...*		1	14	1-65	14	3.2	7,218	5.21	376	0	26	-199	+.05	-6	-10
10-10-61 571246 2214220 5-71					26		7,883	5.05	398						
597111 MIGHTY JACK COMMANDO.....		1	15	1-31	15	2.9	10,316	4.99	515	**	26	+155	-.01	+7	+10
03-28-58 556092 1878637 5-71					18		9,801	5.03	493						
597112 OAS MIGHTY TORONO.....*		1	21	1-31	21	2.5	10,213	5.17	528	11	26	+147	+.05	+12	+14
05-26-60 497574 1878637 5-71					20		9,746	4.98	485						
597118 VALHALLA BINGO.....*		1	19	1-35	19	2.4	8,793	5.07	446	39	25	-95	+.02	-3	-5
12-18-61 573431 2370873 5-71					18		9,209	5.06	466						
597122 BRAMPTON BASILEUS EUREKA.....*		1	26	1-73	26	2.6	7,474	5.11	382	12	27	-391	+.02	-18	-25
06-03-61 591757 010248713 5-71					48		8,917	5.08	453						
597127 KITTYS OLYMPIC CHALLENGER.....*		4	5	3-13,23,	14	2.7	9,283	5.32	494	31	37	-162	+.05	-4	-8
12-29-61 580997 2050136 5-71				55	27		9,817	5.25	515						
597132 PINN ETTA GOLDEN STAR.....*		2	6	1-31	12	3.0	6,659	5.17	344	8	33	-283	+.03	-12	-17
01-24-62 588828 2176136 5-71					7		7,367	5.10	376						
597149 ROSSLAWNS ADVANCER AIM.....*		1	18	1-65	18	1.6	8,119	4.82	391	**	23	-177	.00	-9	-12
01-19-62 542372 1972750 5-71					16		8,902	4.85	432						
597152 W R GOLDEN JESTER.....*		3	6	1-64	16	2.8	6,525	4.90	320	11	39	-678	+.04	-31	-43
07-03-61 567397 2094254 5-71					23		8,192	4.85	397						
597153 W R SOLIDA JESTER.....*		1	31	1-64	31	1.9	8,838	4.72	417	9	26	-132	-.10	-15	-16
04-26-62 567397 2196249 5-71					27		9,396	5.12	481						
597177 PATHFINDER MARKSMAN.....*		3	9	1-74	12	3.8	9,093	4.34	395	0	31	+201	-.03	+7	+11
10-01-61 557868 2226947 5-71					18		8,391	4.36	366						
597179 MARLU ANSOM MILEPOST.....*		2	20	1-48	22	2.4	9,485	5.38	510	14	28	-31	+.09	+6	+4
03-09-62 584285 2320879 5-71					19		9,681	5.08	492						
597180 SIBLEYS DESIGN 21000.....*		2	8	1-55	16	2.2	10,447	5.06	529	0	34	+328	+.02	+18	+23
01-05-62 552844 2327934 5-71					14		9,563	5.03	481						
597210 SPARKLE SUPERB TALBOT.....*		1	12	1-55	12	1.3	7,600	5.89	448	17	20	-157	+.02	-6	-9
04-22-62 566264 1594626 5-71					19		8,346	5.85	488						
597224 MARLU ANSOM B.....*		3	20	2-51,52	33	2.3	8,678	5.14	446	8	37	-306	+.05	-11	-17
02-22-62 584285 2187377 5-71					33		9,588	5.05	484						
597225 MARLU MILESTONE BEAU.....*		5	17	3-31,41,	26	2.2	10,567	4.93	521	12	33	+258	-.08	+6	+12
03-25-62 563805 1859423 5-71				42	13		9,898	5.15	510						
597228 BEACON BELLE ELDON.....*		2	10	1-34	12	2.1	7,934	4.99	396	8	25	-228	.00	-11	-15
07-02-60 554902 2146595 5-71					45		8,855	5.01	444						
597234 PATHFINDERS CHAMPION TIMMIE...*		1	26	1-35	26	2.7	8,753	4.89	428	9	28	-75	-.01	-5	-6
06-29-62 589109 2267103 5-71					15		9,047	4.97	450						
597244 WINSOME MILKMAN POLISH.....*		2	9	1-13	11	1.6	8,143	5.71	465	40	23	-224	+.06	-6	-11
08-21-62 550331 2133798 5-71					17		9,159	5.47	501						
597264 JESTER ORACONIS FILLPAIL.....*		3	7	1-57	10	1.5	7,232	5.12	370	0	24	-306	+.02	-14	-20
06-05-62 564357 2002873 9-70					8		8,481	5.07	430						
597283 CRYSTALS CHALLENGER BARONET...		2	23	1-92	25	2.4	10,223	5.29	541	27	29	+113	.00	+6	+8
11-20-61 572649 1545451 5-71					12		9,933	5.34	530						
597286 MASTERMAN GOLDEN LESSON.....*		2	19	1-74	33	1.5	8,759	5.02	440	0	35	-100	+.01	-4	-6
02-10-61 556418 2317465 5-71					71		9,073	5.01	455						
597314 COMMANDO TRISTRAM NEWFLICK....*		4	16	1-92	23	2.5	10,863	5.04	547	18	33	-21	-.08	-8	-7
04-12-62 550331 1802376 5-71					8		11,160	5.29	590						
597320 BELMONT PINN SON.....*		1	13	1-31	13	2.8	8,347	4.89	408	15	25	-72	+.02	-2	-4
11-24-61 561630 1872032 5-71					10		8,617	4.83	416						
597325 HANOSOME ARISTOCRAT.....*		17	2	13-11,12,	22	1.9	8,015	5.43	435	35	53	-748	+.14	-26	-41
04-11-62 010008814 2476772 5-71				15,16,32	15		9,492	5.17	491						
597342 CHAMPIONS QUEEN WARRIOR.....*		1	25	1-23	25	1.7	8,792	5.19	456	16	25	+40	+.02	+4	+4
04-07-62 583874 1541532 5-71					14		8,604	5.13	441						
597352 COWSLIP ETTA STAR.....*		4	32	1-23	43	2.3	9,171	5.11	469	8	33	+183	-.06	+4	+8
01-03-62 565141 1915815 5-71					9		8,597	5.33	458						
597353 FREDAS STAR.....*		9	18	5-31,32,	38	2.1	8,060	4.88	393	18	40	-200	-.08	-17	-19
03-22-62 565141 2234407 5-71				33,43,63	30		8,526	5.14	438						
597356 GOLDEN ETTA PRIZE.....		1	37	1-43	37	2.2	8,388	4.98	418	3	28	+290	-.05	+10	+16
06-10-62 565141 2069742 5-71					7		7,172	5.21	374						
597357 STAR SLEEPER KING.....*		5	7	2-31,61	15	1.6	7,481	5.05	378	27	31	-143	-.06	-12	-14
06-28-62 591239 2365309 5-71					13		7,838	5.31	416						
597361 FAVOR COMMANDO FERN DESIGN....*		1	14	1-74	14	1.9	7,072	5.06	358	7	23	-224	+.06	-6	-11
02-24-62 556096 1945164 5-71					18		7,972	4.80	383						
597386 ITASKAS BLANCHE OAN.....*		3	8	1-33	18	1.7	8,019	5.16	414	31	34	-62	+.05	+1	-1
07-13-62 581485 2367335 5-71					10		8,130	5.01	407						
597389 FARMERS ROSETTE BEECHLAND.....*		2	10	2-41,42	12	1.6	5,205	5.32	277	13	23	-298	+.03	-12	-18
08-09-62 530454 2317483 5-71					10		6,233	5.18	323						
597409 WONDERFUL JESTER COMBINATION..*		5	4	2-61,63	11	1.9	6,501	4.72	307	22	32	-211	-.06	-16	-19
07-19-61 573454 2194829 5-71					27		6,971	5.05	352						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/OAU	REC/DAU HERDMATE	MILK	% FAT	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	% FAT	$$
597413 FAITHFUL SPARKMAN.....*		6	14	3-35,41,	31	2.3	8,428	5.14	433	14	42	-217	+.03	-8 -12
07-01-61 587924 2213241 5-71				42	13		8,962	5.08	455					
597420 OANOY GOLDEN PRINCE.....*		2	9	1-74	12	1.8	8,439	4.44	375	0	25	-4	-.01	-1 -1
02-10-62 561037 2052994 9-70					65		8,413	4.49	378					
597421 OAVIS EOGELEA ACME.....*		5	6	1-74	20	1.6	7,607	4.76	362	13	40	-254	+.07	-7 -12
03-14-62 593302 2169746 5-71					62		8,183	4.58	375					
597432 ROYAL PEGGYS RECORO.....*	21-10	20	2	7-11,12,	31	2.2	7,666	5.61	430	29	63	-801	+.32	-14 -32
04-10-62 520485 1740703 5-71				13,21,23	30		8,948	5.08	455					
597452 SANITARY PINNACLE 8LONDE.....*		1	10	1-64	10	1.1	7,446	5.10	380	**	18	-74	+.02	-2 -4
01-29-62 534381 2091415 1-71					52		7,748	5.06	392					
597463 FAVORITE TRISTRAM FOR H.O.F...*		3	5	1-52	12	2.7	8,983	5.03	452	0	36	+309	-.02	+14 +20
05-13-62 563813 2282969 5-71					11		8,037	5.09	409					
597464 STAR CHARGER.....*		3	8	1-42	11	1.6	7,973	4.92	392	18	25	+87	-.03	+2 +4
07-06-62 592054 2384547 5-71					46		7,488	5.06	379					
597465 THUNOER CAOET.....*		1	17	1-21	17	2.8	8,542	5.27	450	0	27	+76	+.06	+9 +9
03-19-62 588100 2365856 5-71					16		8,191	5.07	415					
597474 SA8LES COMMANOER 8OY.....*		1	22	1-23	22	2.2	9,059	5.08	460	5	26	+215	+.01	+12 +16
10-21-61 581775 2051945 5-71					39		8,166	5.03	411					
597485 Y-8ROOK 8ROTHERS A8E.....*		1	18	1-31	18	2.2	7,606	5.06	385	22	25	-124	-.02	-8 -10
10-26-61 590917 2228882 5-71					13		8,024	5.21	418					
597492 SPARKLE TORONO OESIGN.....*		2	8	2-56,58	16	2.4	10,046	4.98	500	0	34	+362	-.02	+16 +23
03-07-60 497574 2036235 5-71					44		8,984	5.03	452					
597497 JOLLY 8EACON DUNCAN.....*		2	12	1-32	14	2.4	7,776	4.99	388	17	26	-75	.00	-4 -5
12-16-61 565303 2085625 5-71					11		7,980	5.06	404					
597513 SPARKLE 8 J A SUPREME.....*		1	23	1-31	23	1.7	9,098	5.00	455	43	25	-41	-.01	-3 -4
08-12-62 528332 2358004 5-71					23		9,314	5.08	473					
597517 FAIR-WEATHER VOLUNTEER SUPER8.		1	11	1-21	11	2.2	9,452	5.21	492	0	22	+133	.00	+7 +9
07-27-62 553904 2185280 5-71					9		8,850	5.22	462					
597519 GOLO RING PINN.....*		2	11	1-23	13	1.4	7,691	5.24	403	17	23	-203	+.07	-4 -9
04-01-62 564209 1831893 5-71					22		8,562	4.93	422					
597527 ROSES SPARKLING MAN.....*		3	5	1-74	10	1.6	9,345	5.09	476	30	26	-96	+.01	-4 -6
01-12-62 591619 2376581 5-71					29		9,812	5.09	499					
597532 KEEPERS VICTOR O S.F.....*		2	24	1-93	26	1.7	10,037	5.09	511	45	26	-416	+.14	-9 -18
07-01-62 585748 2034246 5-71					28		11,963	4.71	563					
597550 FILLPAIL OREAMING JOE.....*		1	18	1-23	18	3.0	10,283	4.57	470	0	27	+174	-.12	-2 +3
11-08-61 576288 2216902 5-71					36		9,727	4.98	484					
597556 MAYFIELD MILESTONE RINGER.....	63-01	17	7	1-63	54	2.0	9,143	4.87	445	23	64	+56	-.09	-5 -3
02-15-62 563805 2035710 5-71					28		9,078	5.01	455					
597557 MILESTONE 8EACON PROSPECTOR...*	23-13	2	8	1-21	10	2.1	9,858	4.70	463	22	24	+285	-.08	+7 +13
02-16-62 563805 2190641 1-71					10		8,645	5.00	432					
597559 MAYFIELD MILESTONE DOTTRINA...*		1	16	1-63	16	1.7	8,505	5.16	439	40	23	-187	+.04	-6 -10
02-26-62 563805 1872584 5-71					15		9,383	5.02	471					
597560 MAYFIELD MILESTONE 8EACON.....*		1	22	1-63	22	2.4	9,185	4.89	449	25	26	-60	+.02	-1 -2
03-31-62 563805 2231607 5-71					33		9,482	4.85	460					
597562 CRITERION.....*	33-03	8	11	4-43,63,	31	1.8	11,200	4.78	535	26	43	+545	-.12	+16 +27
06-15-62 563805 2147381 5-71				65,71	22		10,066	5.01	504					
597564 MILESTONE MIRACLE.....*	31-02	8	33	3-56,63,	46	2.0	10,273	4.83	496	19	33	+314	-.05	+11 +17
08-05-62 563805 2038737 5-71				65	18		9,385	4.95	465					
597577 VICTOR VICTORIOUS.....*		5	9	4-16,72,	17	1.7	8,941	5.19	464	31	32	-88	+.04	-1 -3
02-03-62 585426 2143745 5-71				91,92	15		9,263	5.10	472					
597583 OAYPECK LORETTAS ROYAL.....*		2	41	1-43	43	1.5	9,228	5.08	469	11	26	-21	+.01	0 -1
03-15-62 587548 2274550 5-71					40		9,365	5.10	478					
597595 ETTA DOU8LE STAR.....*		1	13	1-42	13	2.2	7,142	5.32	380	0	23	-178	+.07	-3 -7
07-03-62 565141 2211435 5-71					4		7,814	5.03	393					
597599 VALIANT MILKMAN TRIUMPH.....*		2	7	1-33	11	2.2	9,002	5.13	462	38	27	-75	+.04	0 -2
11-25-61 550331 1914397 5-71					16		9,327	5.03	469					
597605 TRISTRAM JESTER OUKE.....		1	13	1-91	13	1.8	8,223	4.99	410	**	22	-198	-.01	-11 -14
11-22-61 579361 2192215 1-71					8		9,181	5.09	467					
597607 JESTER 8 NO8LE O8SERVER.....*		4	8	2-21,31	13	1.6	7,127	5.08	362	38	28	-172	-.06	-14 -16
03-23-61 542372 2011822 5-71					28		7,635	5.40	412					
597610 8ELLE ETTA COMMANOO.....*		2	8	1-31	10	2.1	7,502	5.40	405	0	24	-47	+.03	0 -1
09-22-62 556092 2327882 5-71					21		7,571	5.32	403					
597612 STAR COMMANDO.....*		16	5	9-15,21,	28	2.0	9,063	5.26	477	8	53	-256	+.03	-10 -15
09-21-62 556092 1578755 5-71				31,42,51	21		9,627	5.22	503					
597613 GOLOEN ETTA SPIKE.....*		1	54	1-64	54	2.2	7,912	4.93	390	4	29	+157	.00	+8 +11
10-09-62 565141 2107000 5-71					19		7,202	4.93	355					
597625 MAYFIELO MILESTONE GOLD.....*	63-01	12	4	1-63	25	1.8	7,708	4.99	385	23	51	-578	.00	-29 -39
02-26-62 563805 2159514 5-71					19		8,834	5.01	443					
597626 VICTORIAS CHIEF HUGO.....*		2	14	2-86,88	16	1.4	9,000	4.83	435	10	23	-46	.00	-2 -3
11-26-61 539849 2287253 5-71					35		9,240	4.86	449					
597639 MARLU MODEL MILAO.....*		8	7	5-33,56,	24	1.8	8,870	4.84	429	26	45	-14	-.03	-3 -3
04-15-62 589069 2341898 5-71				63,65,72	38		8,910	4.92	438					
597642 TENN MAY F O E LAO.....		1	56	1-63	56	2.3	9,890	5.13	507	15	29	-19	+.02	+1 0
04-12-62 563955 2098185 5-71					16		10,082	5.07	511					
597649 FAVORITE KARMA AIM.....		2	10	1-42	12	2.2	7,116	5.26	374	36	25	-73	+.04	0 -2
02-17-62 574796 1892807 5-71					9		7,257	5.11	371					
597664 HATFIELO AOVANCER RAOAR BASIL.*		1	12	1-34	12	1.7	8,147	5.01	408	33	21	+27	-.02	0 +1
05-25-62 577107 2157943 9-70					28		7,928	5.15	408					
597668 RENAOA LEADERS CLARINA.....*		4	19	1-88	26	2.4	10,461	5.25	549	19	32	-14	+.09	+7 +5
04-29-62 567370 2003798 5-71					39		10,690	5.03	538					
597674 ROYAL FILLPAIL KNIGHT OF SEYMO*		2	7	1-13	10	1.7	7,308	5.15	376	13	24	-295	+.03	-12 -18
09-27-62 592162 2299767 5-71					18		8,482	5.07	430					
597687 ORESTIM8A JACK.....		1	30	1-93	30	1.6	11,483	4.50	517	0	25	+164	-.10	-1 +3
04-08-62 584908 2000414 5-71					32		11,057	4.82	533					

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
597705 KEYS LYNN TAURUS.....*		1	27	1-22	27	2.0	10,198	5.19	529	12	26	-72	+.06	+2	0
08-05-62 585393 2272605 5-71					30		10,661	4.97	530						
597706 8ILTMORE SECRET GOLD RING.....*		2	9	2-55,74	12	3.3	8,070	4.82	389	0	30	+68	.00	+3	+4
06-29-62 497574 1877560 5-71					110		7,726	4.81	372						
597719 FAVORITE SECRET NOBLE.....		1	11	1-82	11	1.0	10,207	5.34	545	**	18	+30	+.01	+2	+2
04-04-62 563813 2305410 5-71					6		10,174	5.37	546						
597723 WALNUT MILESTONE 8OY.....*		3	15	2-42,74	22	2.0	8,246	4.95	408	11	31	+3	-.01	-1	-1
03-14-61 579699 2026556 5-71					9		8,169	5.02	410						
597735 8RAMPTON 8AS ACMES INTEREST...*		2	29	2-34,42	31	2.2	8,294	5.05	419	25	28	-110	+.01	-5	-7
10-25-60 010126923 010304365 5-71					44		8,672	5.06	439						
597744 GREENDREAM NEWFIELDS PROMISE..*		4	7	2-11,12	15	1.9	9,381	5.42	508	25	32	+38	+.07	+8	+8
03-20-61 585327 1979605 5-71					38		9,306	5.22	486						
597755 SECRET DAUNTLESS.....*		4	23	2-87,88	36	1.6	9,434	4.77	450	**	34	+169	-.03	+6	+9
07-23-62 497574 1875664 5-71					27		8,948	4.83	432						
597765 MARLAD.....*		1	48	1-52	48	1.9	9,697	5.36	520	49	27	-254	+.07	-7	-12
04-13-62 589069 2366838 5-71					41		10,849	5.18	562						
597782 8ENTON EAGLE SUPREME.....*		1	17	1-91	17	2.8	9,407	5.36	504	18	26	+52	+.03	+5	+5
07-26-61 556095 2433089 5-71					8		9,247	5.30	490						
597799 VICTORY 8RAMPTON 8EAUTY.....*		1	11	1-85	11	1.2	8,764	4.69	411	**	19	-4	-.01	-1	-1
11-29-61 580237 2293259 5-71					7		8,785	4.75	417						
597810 COMMANDO SIGNAL CHIEF.....*		2	21	1-63	23	2.3	8,027	4.73	380	27	28	-305	-.01	-16	-21
01-10-62 550331 2172269 5-71					20		9,172	4.82	442						
597816 8 J A TENELLENA RADAR REGAL...*		5	8	2-41,42	20	1.6	6,790	5.51	374	35	35	-234	+.07	-6	-11
09-21-62 570695 2193179 5-71					14		7,299	5.33	389						
597845 LADINO STANDARD JAY.....		2	15	1-93	17	1.9	8,889	4.87	433	33	26	+22	-.01	0	+1
03-09-62 582205 2321661 5-71					29		8,797	4.98	438						
597848 JESILEUS MONARCH.....*		3	9	1-42	12	1.0	4,958	5.65	280	13	22	-448	+.06	-17	-26
07-31-62 542372 2128288 1-71					6		6,772	5.18	351						
597860 RHODA TA8LER DENNIS.....*		2	12	1-13	14	2.1	9,486	4.83	458	9	26	+22	-.09	-7	-5
08-31-62 560227 2234245 5-71					46		9,460	5.22	494						
597869 MARSHLAND SENATOR JUDD.....*		2	9	1-13	11	4.1	8,855	4.97	440	0	29	+198	+.03	+13	+16
06-07-60 537552 2264351 5-71					32		8,085	4.84	391						
597872 8EACON 8ASIL WORTHY FAVORITE..*		2	7	1-21	11	2.3	10,245	5.10	523	33	28	+140	+.01	+8	+10
09-17-61 574261 2250277 5-71					17		9,850	5.08	500						
597904 TRISTRAM CROWN PRINCE.....*		3	25	2-88,93	51	2.1	11,872	4.91	583	5	42	+350	-.02	+16	+22
02-20-62 530104 2048410 5-71					21		11,290	4.93	557						
597911 TORONO KING TUT OF OGSTON.....*		2	20	1-22	22	1.9	11,800	4.72	557	11	26	+298	-.06	+9	+15
03-16-62 571382 2178460 1-71					81		10,857	4.91	533						
597919 TOREADORS 8ULLSEYE MASTER.....*		4	5	3-31,35,	10	2.0	8,457	5.42	458	22	28	-180	+.06	-4	-8
06-13-62 587015 2140336 5-71				55	39		9,130	5.24	478						
597938 8 J A LAVENDER 8ASILEUS.....*		4	26	1-55	44	2.1	7,990	5.21	416	25	38	-171	+.09	-1	-5
05-21-62 528332 2073704 5-71					125		8,402	5.00	420						
597939 LE MAR CHAMPION REPEAT.....*		3	20	2-91,92	24	1.7	6,637	5.30	352	17	27	-109	+.05	-1	-4
06-13-61 549126 1759418 5-71					9		6,841	5.10	349						
597945 O8SERVER GRAND CENTRAL.....*		2	11	1-14	13	1.5	10,998	5.85	643	42	23	+39	+.17	+17	+15
07-28-62 553236 1676226 5-71					82		11,045	5.27	582						
597953 BEACONS TEFFIA 8LONDE DON.....*		1	10	1-31	10	2.2	8,791	5.37	472	0	22	-26	+.01	0	-1
08-17-61 576039 2233093 5-71					15		8,918	5.36	478						
597956 FASHION VOL. WARRIOR.....*		1	17	1-91	17	1.6	10,603	5.70	604	6	23	+201	+.01	+11	+14
10-11-62 567370 2207651 5-71					13		9,822	5.79	569						
597991 LEADERS 8UTTERCUP 8OY.....*		2	13	1-33	15	2.8	10,192	5.14	524	13	27	+225	-.04	+8	+12
10-18-61 567370 2403062 5-71					4		9,429	5.31	501						
598000 MARLU STYLIST MILK8OY.....*		8	5	3-56,65,	22	1.5	8,345	4.71	393	0	44	-174	-.04	-12	-14
05-26-62 589136 2274244 5-71				72	16		8,729	4.80	419						
598001 MARLU MILESTONE ECHO.....*	65-02	32	4	1-65	79	1.8	8,524	4.97	424	8	77	+31	+.05	+6	+6
07-06-62 563805 2057458 5-71					20		8,443	4.89	413						
598003 MARLU MILESTONE MARINER.....*		3	12	2-23,56	19	1.4	8,582	4.86	417	37	29	-331	-.08	-23	-28
07-19-62 563805 2092105 5-71					20		9,848	5.14	506						
598020 JANES BARLU CHIEF GLENN.....*		1	11	1-61	11	2.3	8,482	4.96	421	11	23	+29	-.01	+1	+2
02-11-62 588462 1825494 5-71					12		8,298	4.98	413						
598023 PEDROS AOV. LAOS RANGER.....*		3	11	1-92	15	2.1	10,424	5.44	567	0	28	-73	+.11	+6	+3
01-05-63 589915 1824742 5-71					20		10,893	5.12	558						
598029 JESTERMAID J. AOVANCER.....*	61-02	14	9	5-31,41,	37	1.9	8,207	5.00	410	13	51	-170	+.02	-7	-10
02-16-61 576049 2009738 5-71				47,63,65	19		8,507	4.98	424						
598030 CERES ROYAL KEEPER.....*	52-01	23	6	9-21,33,	54	1.9	8,170	5.02	410	16	66	-630	-.07	-37	-47
02-15-62 585431 2317480 5-71				42,43,52	22		9,158	5.14	471						
598039 8EACONS LOYAL 8ASIL.....*		4	10	3-57,63,	15	1.8	10,889	4.73	515	21	29	+103	-.01	+4	+6
02-20-62 573071 2084023 5-71				74	25		10,716	4.73	507						
598047 PINNS DANDY DREAMER.....*		1	12	1-93	12	1.4	10,115	5.33	539	38	21	-120	+.02	-4	-6
12-28-62 531795 2099193 5-71					39		10,907	5.30	578						
598049 GIL-8AR ETTA ROYAL.....*		2	10	1-33	12	2.6	6,887	5.31	366	17	26	-605	+.10	-22	-34
05-25-62 590777 1835152 5-71					6		9,257	4.92	455						
598053 IOLEMERE JUDES FLASH.....*		1	19	1-93	19	1.1	10,248	5.05	518	10	21	+139	-.01	+6	+9
08-25-62 593999 1864258 5-71					44		9,673	5.13	496						
598055 MILESTONE AM8ASSADOR.....*		1	18	1-34	18	2.5	8,424	5.25	442	11	26	-16	+.01	0	0
03-27-62 584562 2316791 5-71					39		8,449	5.28	446						
598059 DON HEAD 8ELLEBOY DRAGON.....*		2	14	1-63	16	2.0	8,249	5.06	417	25	26	-384	-.01	-20	-27
03-17-61 010125606 010315260 5-71					11		9,848	5.11	503						
598087 SUN8EAM DAZZLER.....*		3	14	2-13,55	26	1.8	8,392	5.40	453	22	35	-275	+.04	-10	-15
09-16-62 596503 2475080 5-71					70		9,206	5.30	488						
598104 8ELLES RECROS AIM PINN.....*		3	10	3-22,55,	14	2.1	8,165	4.92	402	50	27	-337	-.03	-19	-25
03-13-61 520485 2325611 5-71				57	17		9,474	5.07	480						
598111 8ELMONT DESIGN VOL.....*		1	30	1-65	30	1.4	7,565	4.72	357	21	24	-107	-.01	-6	-8
10-24-62 563771 2121025 5-71					84		7,919	4.80	380						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
598112 ANN ARBOR TRISTRAM BASIL.....*		1	46	1-23	46	1.4	8,468	5.02	425	18	25	+62	+.01	+4	+5
07-20-62 530104 2268257 5-71					32		8,151	4.99	407						
598117 BELMONTS FLORIST RADAR.....*		4	7	2-61,63	16	2.9	7,616	4.92	375	0	38	-60	-.02	-5	-6
01-04-61 518988 2102496 5-71					32		7,659	5.01	384						
598118 BASILS PINNACLE COMMANDO.....*		8	5	4-55,61,	25	2.1	7,069	4.92	348	**	49	-282	-.02	-16	-21
03-13-61 556096 1877269 5-71				63,65	28		7,512	4.99	375						
598119 BELMONTS ETTA COMMANDO.....*		5	6	2-63,65	16	2.1	7,676	4.91	377	0	37	+48	-.03	0	+1
01-17-62 556092 2102496 5-71					33		7,401	5.05	374						
598125 MARLU MILADY MIDAS.....*	21-10	29	1	7-11,12,	37	2.5	9,900	4.97	492	17	70	+300	-.07	+9	+15
05-09-62 563805 2155942 5-71				13,21,23	33		9,543	5.06	483						
598150 MARLU MILESTONE RAIDER.....*		3	11	1-12	17	1.8	12,847	4.82	619	0	30	+594	-.09	+21	+33
06-07-62 563805 1968108 5-71					7		11,092	5.06	561						
598173 PIXYS FANCY REPLICA.....*		1	17	1-41	17	1.7	9,804	4.83	474	18	24	+281	-.01	+13	+18
01-08-63 566892 2075626 5-71					8		8,585	4.86	417						
598187 DON HEAD RECOROS BELLEBOY.....*		4	5	2-34,51	13	1.5	7,511	5.30	398	40	32	-381	+.08	-12	-20
05-24-60 010125606 1638980 5-71					21		8,673	5.06	439						
598199 CHIEFS ADVANCER ROYAL.....*		5	3	3-31,55,	11	1.6	6,462	4.83	312	40	33	-457	+.01	-22	-30
11-28-62 573201 2123926 5-71				74	42		7,723	4.86	375						
598203 BEAUTYS DON.....*		3	11	1-64	20	1.8	8,362	4.88	408	28	33	-302	+.01	-14	-19
03-26-61 553149 1770297 5-71					78		9,323	4.87	454						
598209 B J A HORNET.....*		4	13	2-35,64	32	2.3	8,176	4.94	404	7	43	-298	+.01	-14	-19
10-16-61 528332 2013868 5-71					63		8,870	4.95	439						
598212 PRECISION.....*		4	10	2-35,64	31	2.8	8,481	4.94	419	3	48	-284	-.01	-15	-20
10-19-61 553149 2294096 5-71					64		9,097	4.99	454						
598213 STANDARD BEARER.....*		4	3	1-42	10	2.4	7,005	5.60	392	13	33	-427	+.11	-12	-21
01-22-62 528332 1740678 5-71					19		8,236	5.23	431						
598220 BEAUTYS M ELECTRA.....*	31-02	20	2	5-31,42,	38	1.5	8,997	4.95	445	27	64	-178	-.05	-13	-15
12-07-62 553149 2465106 5-71				63,64,72	35		9,325	5.04	470						
598223 GOLD RING SIR.....*		6	45	1-55	58	2.2	9,023	5.00	451	15	34	+184	-.01	+8	+11
12-23-61 564209 2004350 5-71					128		8,432	5.04	425						
598236 INTEGRATOR.....*		2	10	1-42	15	2.7	8,732	5.06	442	8	31	+85	-.06	-1	+1
08-11-62 553149 2112324 5-71					29		8,411	5.34	449						
598247 EDGELEA POSING W R ACME.....*		2	7	1-74	13	1.5	7,321	4.66	341	8	29	-437	+.03	-19	-27
01-05-63 593302 2270175 5-71					60		8,819	4.58	404						
598262 FAULTLESS DESTINY.....*		1	26	1-74	26	2.4	10,476	4.97	521	13	27	+256	+.02	+15	+19
01-11-62 571041 2135395 5-71					35		9,604	4.87	468						
598277 IMP. SWEET ROYAL.....*		5	3	4-16,21,	10	1.8	8,409	4.71	396	14	31	-69	-.11	-13	-13
05-29-59 596501 2367330 5-71				32,34	13		8,608	5.11	440						
598278 SUNFLOWERS DESIGNER.....*		10	2	6-16,21,	13	1.6	8,401	5.24	440	**	41	-317	+.12	-6	-13
08-19-62 530454 2333890 5-71				31,32,58	22		9,209	4.98	459						
598287 Q.V. JEWEL BASILEUS.....*		4	3	3-13,21,	12	2.5	11,050	4.81	531	0	38	+294	-.11	+5	+12
10-27-62 564125 2404899 5-71				56	30		10,442	5.05	527						
598289 MARVO ZONA E C JED.....*		2	12	2-43,47	14	2.5	8,333	4.74	395	7	27	-188	-.01	-10	-13
04-18-62 556092 2405228 5-71					26		9,056	4.80	435						
598290 HOLLYBROOK FARMERS MIKE.....*		9	2	4-33,35,	13	2.2	7,754	5.04	391	55	42	-261	-.06	-18	-22
12-23-60 530454 2169349 5-71				41,91	17		8,319	5.23	435						
598304 STAROUST BROWNYS DESIGNER NOBL*		2	8	1-93	10	1.8	9,681	4.88	472	0	23	+24	-.04	-2	-1
01-04-63 557569 2036557 5-71					20		9,656	5.08	491						
598320 TRADEMARKS SABLE PHIL.....*		9	1	5-13,14,	10	2.4	9,327	5.63	525	17	40	+23	+.20	+19	+16
05-17-62 585350 2316557 5-71				21,35,55	71		9,316	5.16	481						
598323 TRISTRAM SECRET CYPRESS.....*		8	2	5-11,12,	12	1.5	10,002	5.34	534	25	38	+8	+.10	+9	+8
10-07-62 568033 2258613 5-71				14,23,55	48		10,107	5.14	519						
598333 HER-KEN MILKMAN VAGABOND.....		1	13	1-34	13	1.9	8,068	5.54	447	0	23	-117	+.06	-1	-4
08-08-62 550331 2284451 5-71					19		8,562	5.36	459						
598342 SUNBEAM SIGNAL VICTORY.....*		8	8	2-55,56	32	1.8	9,106	4.91	447	3	49	+142	-.02	+5	+8
09-19-62 580237 1911463 5-71					70		8,813	4.95	436						
598343 SUNBEAM VICTORY.....*		4	28	1-55	58	1.9	8,348	4.73	395	12	42	-128	-.10	-15	-16
09-23-62 580237 1895621 5-71					77		8,630	5.01	432						
598356 MISTER ELITE.....*		1	30	1-13	30	2.2	10,009	5.51	551	14	27	-99	+.05	-1	-3
08-01-62 550331 2155938 5-71					39		10,553	5.40	570						
598368 GOLD RING PEERLESS.....*	91-13	52	3	12-35,41,	106	1.5	9,520	4.98	474	17	82	+47	-.06	-3	-1
06-29-62 564209 1799259 5-71				42,91,92	18		9,530	5.07	483						
598369 SANDY ACRES W.R. BASIL LEADER.*		1	16	1-87	16	1.8	9,206	4.65	428	19	23	+173	-.06	+3	+7
03-25-62 567370 1861793 5-71					31		8,408	4.90	412						
598380 SUNBEAM MILESTONE.....*		7	11	4-55,56,	21	1.6	10,328	5.29	546	11	34	+66	+.14	+16	+15
12-03-62 563805 2314523 5-71				58,63	56		10,273	4.90	503						
598392 BEAUTYS M COSSACK.....*		3	38	3-32,34,	42	2.1	8,527	5.08	433	24	30	-10	+.02	+1	+1
04-03-62 553149 2347152 5-71				55	44		8,532	5.03	429						
598413 ETTA JIM STAR INA BEACON.....*		4	14	2-43,65	23	2.0	8,817	5.18	457	10	33	-54	+.01	-2	-3
09-05-62 574673 2371431 5-71					26		8,997	5.21	469						
598425 SIBLEY DESIGN SKYBOLT.....*		9	6	4-13,14,	24	1.6	10,413	4.83	503	37	45	+52	-.19	-14	-10
06-30-62 585692 2025204 5-71				21,56	28		10,459	5.23	547						
598426 SIBLEY DESIGN 10,000.....*		6	16	1-55	42	2.4	9,223	4.54	419	6	47	+393	-.21	0	+10
07-06-62 552844 2211691 5-71					109		8,328	5.00	416						
598430 MODEL FASHION LEADER.....		1	13	1-41	13	2.2	5,437	4.87	265	8	24	-175	-.07	-15	-17
03-06-63 567370 2164513 5-71					7		5,882	5.42	319						
598436 TRISTRAM MILESTONE GUARDSMAN..	21-10	20	1	6-11,12,	23	1.5	8,709	5.01	436	5	56	-280	.00	-14	-19
11-20-62 549126 2336007 5-71				13,14,21	22		9,247	5.03	465						
598437 MARLU MILESTONE MINUTEMAN.....*		2	38	1-56	40	1.6	9,393	4.92	462	11	27	-154	.00	-8	-11
07-17-62 563805 1917801 5-71					23		10,100	4.98	503						
598447 GOLDEN ETTA TELSTAR.....*		3	24	3-31,33,	28	2.1	8,998	5.07	456	14	29	+113	-.04	+2	+5
03-07-63 565141 2294815 5-71				34	14		8,585	5.23	449						
598454 GOLDEN PINN CHECKMATE.....*		1	13	1-34	13	2.0	9,386	5.31	498	8	23	-127	+.03	-4	-7
08-08-62 574676 2192456 5-71					28		10,063	5.26	529						

REGISTRATION NUM8ER NAME OF 8ULL	STUO COOE	NUM8ER OF HEROS	EFF OAU /HO	STATES NO- WITH MOST OAUS	... OAUGHTERS ANO HEROMATES ... OAUS HM/OAU	REC/OAU HEROMATE	MILK	% %	FAT FAT	% 1ST INC	REPT %	PREOICTEO OIFFERENCES MILK	%	FAT	$$
598455 MISTER 8ASILUA.....*		1	27	1-32	27	1.9	6,605	5.24	346	26	26	-113	+.04	-2	-5
11-21-62 581938 2248091 1-71					20		6,841	5.06	346						
598458 HILLCREST STAR HIGH VOLTAGE...*		1	19	1-92	19	1.1	9,846	5.68	559	0	21	+166	+.06	+14	+16
10-21-62 558330 2060660 5-71					28		9,084	5.49	499						
598467 HEAOSPRING OESIGN RAJAH.....*		1	15	1-56	15	3.1	10,439	5.09	531	0	27	+106	-.01	+4	+6
09-07-62 531342 2306140 5-71					128		10,169	5.16	525						
598478 8ASIL JURAT WINSOME.....*		2	7	1-65	11	1.4	7,816	5.16	403	**	25	-223	+.04	-8	-12
02-09-62 563773 2038686 5-71					59		8,695	5.03	437						
598480 CLEAR8ROOK 8RIOGETS RAOAR.....*		1	10	1-55	10	3.9	7,464	5.02	375	0	25	-100	+.01	-4	-6
12-07-60 518988 2300273 5-71					34		7,760	5.03	390						
598482 LILY ETTAS MASTER.....*		2	9	1-34	11	1.3	9,508	4.93	469	36	21	+92	-.02	+3	+5
04-05-62 585026 2114006 5-71					21		9,097	5.00	455						
598489 MILESTONE 8EACON 8AS.....*		6	26	4-82,84,	44	2.0	8,641	5.23	452	5	38	-39	+.04	+2	+1
02-26-63 563805 2159502 5-71				85,93	19		8,734	5.12	447						
598494 NEWFIELOS GOLOEN NESTOR.....*		6	3	4-11,12,	11	2.0	7,721	5.13	396	22	36	-193	+.01	-9	-12
03-29-62 588103 2506238 5-71				13,14	16		8,190	5.16	423						
598505 MILESTONE 8AS SENSATION.....*	61-02	12	16	5-33,55,	40	2.0	8,944	4.87	436	9	44	+180	-.01	+8	+11
04-10-62 563805 2159517 5-71				63,64,65	16		8,497	4.88	415						
598511 MILESTONE CRUSAOER COMMANOO...*		2	9	1-34	11	2.2	8,335	5.40	450	20	25	+64	.00	+3	+4
11-20-62 584562 2267467 5-71					10		7,991	5.47	437						
598525 MARLU MILAO MILESTONE.....*		3	10	1-65	22	2.0	10,275	5.04	518	6	38	+343	+.03	+20	+26
09-29-62 589069 2299111 5-71					50		9,418	4.97	468						
598527 CAMP8URN ROYAL AIM.....*		7	19	5-21,32,	54	1.9	8,983	5.38	483	11	47	-156	+.01	-7	-10
10-31-56 010115072 010235209 5-71				33,34,43	10		9,366	5.40	506						
598534 HOOF PRINTS CHAMPION.....*		1	22	1-31	22	1.8	8,402	4.83	406	0	25	-122	-.02	-8	-10
10-25-61 549126 2307798 5-71					28		8,892	4.95	440						
598547 8ASIL STERLING FASHION.....*		3	14	1-43	18	1.6	12,062	5.02	606	6	26	+147	.00	+7	+10
11-19-62 585918 1942318 5-71					46		11,799	5.04	595						
598549 STANLU MILESTONE.....*		1	13	1-74	13	2.1	8,632	5.06	437	8	23	-140	+.03	-4	-7
01-23-63 563805 2397798 5-71					18		9,275	4.98	462						
598557 HOLLY8ROOK OREAMERS PAUL.....		2	16	2-41,42	18	1.9	8,078	5.22	422	17	26	+15	.00	+1	+1
12-24-61 587809 2169351 5-71					9		7,928	5.22	414						
598568 OOR8ROOKS GOLOEN RING MAN.....*	61-02	32	2	8-31,33,	47	1.8	8,861	4.91	435	13	71	+81	-.10	-5	-2
11-18-62 580702 2317501 5-71				55,61,74	17		8,736	5.07	443						
598629 GOLOEN ETTA CONSTELLATION.....*		9	28	3-43,48,	45	1.6	8,408	5.11	430	16	35	+64	-.04	0	+2
06-02-62 565141 2371903 5-71				84	12		8,156	5.25	428						
598634 ANSOM MILAOYS PRINCE.....*		5	23	2-56,74	35	2.0	10,464	4.99	522	0	35	+238	-.11	+2	+8
09-22-62 592718 2396827 5-71					91		9,884	5.31	525						
598635 ACME ELSIE CHIEF.....*		1	14	1-48	14	2.6	11,037	5.06	559	0	25	+344	-.01	+16	+22
05-06-62 588142 2261784 5-71					19		9,775	5.14	502						
598658 MILESTONE OIRECTOR.....*		7	3	4-21,23,	14	1.6	9,999	4.88	488	18	39	+250	-.08	+5	+11
08-28-62 563805 2147377 5-71				31,63	24		9,415	5.08	478						
598659 I.C. MILESTONE MASTERFUL.....*	63-03	9	5	2-63,65	24	1.8	8,429	5.04	425	4	49	-91	+.05	0	-2
12-21-62 563805 2159512 5-71					21		8,590	4.94	424						
598661 MILESTONE OATELINE.....*		1	24	1-63	24	1.7	8,056	5.21	420	14	25	-194	+.10	-1	-6
02-18-63 563805 2035717 5-71					46		8,852	4.82	427						
598662 MILESTONE LIMELIGHTER.....*		1	24	1-61	24	1.7	8,859	4.96	439	25	25	+161	.00	+8	+11
02-18-63 563805 2211848 5-71					13		8,137	4.93	401						
598665 MILESTONE 8ELLESMAN.....*		8	11	3-57,58,	28	1.7	8,762	5.20	456	26	41	-163	+.07	-2	-6
03-09-63 563805 2035710 5-71				63	19		9,202	5.06	466						
598675 LI8ERATORS NATALIE OESIGNER...		2	9	1-92	11	1.0	8,925	5.70	509	10	20	-33	+.06	+4	+2
11-10-62 564125 2341928 5-71					7		9,121	5.41	493						
598678 OAYPECK ETTAS COUNT.....*		1	32	1-43	32	1.5	9,550	4.93	471	24	25	+41	-.02	0	+1
03-20-63 588876 2272811 5-71					43		9,444	5.07	479						
598681 MASTERS GEM.....*	35-05	8	4	4-31,35,	18	1.3	9,188	5.07	466	17	42	+171	+.03	+11	+14
07-18-62 553149 2176796 5-71				43,61	18		8,768	5.02	440						
598689 OREAMING MOOR NATALIES CARL...*		3	7	2-21,63	12	1.6	8,429	4.95	417	33	27	-92	+.01	-4	-6
05-09-62 568077 2379715 5-71					13		8,762	4.96	435						
598703 ETTA TOREAOOR COMMANOO.....*		1	11	1-31	11	3.9	10,679	5.27	563	0	26	+284	+.06	+20	+24
07-01-60 579903 2157293 5-71					5		9,665	5.07	490						
598722 CHAMPIONS SUPREME 8EACON.....*		2	13	1-13	15	2.0	10,253	5.09	522	7	26	-171	+.04	-5	-9
12-26-62 571291 2303533 5-71					50		11,148	4.98	555						
598730 SNOWMANS FIREFLY AOVANCER.....		1	19	1-35	19	2.3	10,182	5.42	552	12	26	+232	+.05	+16	+19
02-28-63 571913 2386389 5-71					8		9,336	5.29	494						
598750 O8SERVER CANDY CHIEF.....*		4	13	3-57,58,	27	1.7	10,287	4.54	467	23	37	+506	-.08	+18	+28
01-13-63 553236 2152816 5-71				63	55		8,939	4.64	415						
598752 REMUS FRIOAN.....*		3	10	2-13,14	14	1.8	9,026	5.64	509	43	26	-440	+.10	-14	-23
02-23-63 566264 1723692 5-71					80		10,917	5.29	578						
598762 ORESTIM8A OIA8LO.....		1	10	1-93	10	1.0	12,383	4.49	556	**	18	+304	-.09	+7	+14
10-09-62 569344 2180993 9-70					54		10,867	4.82	524						
598768 SIR WONOROUS OF GAYOSO.....*		1	19	1-65	19	1.6	7,235	4.96	359	10	24	+26	+.01	+2	+2
09-25-62 578618 2381349 5-71					106		6,931	4.93	342						
598770 CAROM GENE OF HIGHLANO.....*		2	10	2-11,12	13	1.9	10,109	5.09	515	0	26	+83	+.01	+5	+6
10-22-62 585327 2240318 5-71					56		9,893	5.05	500						
598773 MACS HEATHER OREAMING OAN.....*		1	14	1-92	14	1.4	9,370	5.19	486	**	21	-133	+.04	-3	-6
07-04-62 591219 2155334 5-71					58		10,135	5.07	514						
598777 OUMPLING RALEIGH KING.....*		1	13	1-57	13	1.6	7,722	4.80	371	33	22	-159	.00	-8	-11
10-27-62 536718 2046818 5-71					21		8,417	4.87	410						
598778 OIAMONOS JEWELER.....*		1	41	1-63	41	1.9	8,781	5.38	472	29	27	-77	+.08	+3	0
10-18-62 552843 2306585 5-71					36		9,092	5.10	464						
598799 MONARCH NO8LE ROCKET.....*		1	25	1-31	25	2.3	7,298	5.33	389	17	27	-297	+.02	-13	-18
03-15-60 542372 1854039 5-71					56		8,361	5.27	441						
598803 R.A. PATTYS ACME.....*		3	14	1-23	18	2.4	8,689	5.21	453	24	28	-140	+.05	-3	-6
01-25-61 584234 2137553 5-71					16		9,227	5.10	471						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
598814 ARKANSAS TRAVELER.....*		2	6	1-71	12	1.7	8,122	4.47	363	25	29	-237	-.11	-21	-24
03-17-62 520485 2136830 5-71					12		8,947	4.88	437						
598818 LEADERS FASHION BEACON.....*		3	13	2-42,47	18	2.0	9,133	5.67	518	13	29	+195	+.06	+15	+18
05-26-62 567370 2147690 5-71					21		8,420	5.56	468						
598826 JESTER BASIL ARISTOCRAT.....*		1	14	1-56	14	1.6	8,762	5.23	458	0	22	-180	-.01	-10	-13
06-16-62 531342 2301422 5-71					32		9,658	5.33	515						
598827 JESTER BASIL DESIGN KING.....*		2	13	1-56	15	1.1	9,771	4.97	486	13	22	+93	.00	+5	+7
06-17-62 531342 1931043 5-71					59		9,394	4.97	467						
598853 GEMS W R FAVOR.....*		4	6	1-65	19	1.6	8,716	4.54	396	36	39	+177	-.08	+2	+6
01-19-63 591369 2014010 1-71					26		8,195	4.69	384						
598904 ETTA MAYBE AMBASSADOR.....*		2	9	1-14	18	2.4	9,955	5.28	526	12	36	-65	+.03	-1	-3
06-17-62 584888 1967235 5-71					23		10,283	5.27	542						
598929 MARLU SPARKLING MILESTONE.....*	21-10	40	2	10-12,13,	62	2.2	9,808	4.88	479	9	78	+279	-.17	-2	+6
10-24-62 563805 1748310 5-71				21,23,52	23		9,518	5.12	487						
598943 M A CARRY ON.....*		3	5	1-32	11	1.8	8,894	5.26	468	40	30	+83	+.01	+5	+6
04-15-61 438400 2152127 5-71					15		8,592	5.28	454						
598967 AMBASSADOR ASGAARD OILIJAN....*		1	14	1-21	14	1.4	9,063	4.85	440	8	21	+116	.00	+6	+8
09-05-62 563945 2290745 5-71					8		8,471	4.82	408						
598974 MARI-MANS DREAMING STAR.....*		2	9	2-32,65	12	2.1	8,884	5.38	478	0	27	-26	+.01	0	-1
09-05-62 585937 2118223 5-71					14		8,997	5.36	482						
598987 FANCY OBSERVER BELLE RINGER...*		3	6	1-31	11	1.5	7,718	4.91	379	30	26	-71	-.06	-9	-9
07-18-62 586919 2217665 5-71					14		7,900	5.23	413						
598989 MILAOYS SENTINEL CLIMAX.....*		2	21	1-65	23	1.3	7,937	4.59	364	11	24	-8	-.03	-3	-3
10-04-62 577134 1968106 5-71					83		7,877	4.72	372						
598997 PRINCESS COMMANOO ADVANCER....*		3	4	3-42,48,	10	1.6	7,556	4.79	362	0	30	-172	-.04	-12	-14
10-25-62 519244 2238506 1-71				71	15		8,065	5.00	403						
599009 BETS FASHION LEADER.....*		2	14	2-63,65	22	2.5	8,544	4.96	424	0	34	+274	-.02	+12	+17
01-24-62 567370 1992769 5-71					32		7,614	5.03	383						
599012 SYLVAN LANCER.....*		2	14	1-91	16	1.4	10,655	4.98	531	0	23	+127	+.02	+8	+10
09-30-62 584664 2152871 5-71					67		10,254	4.91	503						
599032 KING ETTA COMMANDO.....*		2	8	2-23,31	10	2.0	8,119	5.06	411	33	23	-325	+.03	-14	-20
11-30-62 591239 2336887 5-71					23		9,611	4.97	478						
599040 CHAMPION ROYAL LAD.....*		2	5	1-21	10	1.8	8,772	4.99	438	40	28	+112	-.06	0	+3
08-18-62 537666 1788977 5-71					12		8,316	5.28	439						
599051 LIBERATORS SURETHING.....*		2	16	1-42	21	1.8	7,701	5.30	408	14	29	-303	+.07	-9	-15
01-14-62 564125 2282304 5-71					5		8,749	5.07	444						
599055 BORGS GOLDEN BEACON.....*		3	6	2-33,35	14	2.0	9,781	5.16	505	11	35	+159	+.10	+17	+18
10-27-62 565141 2297830 5-71					12		9,375	4.90	459						
599067 MILESTONE BEACON LAD.....*	63-03	12	5	2-61,63	34	1.7	8,841	4.94	437	8	58	+116	-.03	+3	+6
12-11-62 563805 2333725 5-71					20		8,616	4.99	430						
599068 SUPREME ROYAL JEST.....*		2	9	1-41	11	1.9	9,657	5.11	493	18	24	+127	-.03	+4	+7
03-10-63 594739 2308849 5-71					17		9,158	5.26	482						
599101 SECRET SENTINEL SANOMAN.....*	21-10	41	2	7-11,12,	63	1.8	9,730	5.10	496	15	77	+297	.00	+15	+20
02-06-63 497574 1975152 5-71				13,14,21	25		9,399	5.11	480						
599106 FAIR-WEATHER SUPER8 JUBILANT..*		3	13	2-13,21	17	2.5	9,058	5.27	477	13	29	-25	-.03	-4	-4
07-06-62 553904 2333001 5-71					96		9,181	5.45	500						
599107 FAIR-WEATHER SUPER8 DANCER....*		6	21	4-13,14,	32	1.7	7,998	5.70	456	28	32	-173	+.10	0	-4
07-13-62 553904 2286922 5-71				21,56	109		8,502	5.41	460						
599116 ACACIA ACRES DESIGN BAZING....*		1	29	1-93	29	2.7	8,938	5.55	496	16	28	-202	+.07	-4	-9
02-07-60 550196 1616967 5-71					13		9,748	5.33	520						
599118 BELL RINGER OF HIGHLAND.....*		2	8	2-11,55	10	2.2	9,395	5.03	473	22	24	-22	+.01	0	-1
10-23-62 589477 2279506 5-71					43		9,560	5.05	483						
599129 L.M. EAGLE DREAMING DESIGN....*		2	19	1-93	36	2.3	9,876	5.35	528	0	40	-68	+.04	0	-2
07-03-61 585960 1584844 5-71					17		10,180	5.28	537						
599132 BEACON BASIL MARVEL.....*		2	8	1-82	11	1.4	7,559	5.03	380	38	24	-194	-.03	-12	-15
05-05-62 586180 2352512 5-71					4		8,333	5.18	432						
599136 SLEEPING SLEEPER.....*		3	11	3-31,55,	15	2.4	10,582	5.14	544	8	29	+219	-.01	+10	+14
08-10-62 593210 2284419 5-71				61	25		9,921	5.21	517						
599144 L M JESTER FILLPAIL LEROY.....*		2	10	1-93	12	2.6	10,025	5.53	554	0	26	+24	+.10	+10	+9
06-24-61 569915 1966244 5-71					21		10,055	5.21	524						
599146 L M JESTER SPARKLING SIR.....		2	6	1-93	10	1.2	6,411	5.49	352	40	24	-873	+.02	-42	-58
08-25-62 569915 2473201 5-71					20		10,219	5.29	541						
599183 STAROUST SURVILLE ITASKA KING.*		1	10	1-93	10	1.3	8,416	5.16	434	25	19	-66	+.04	0	-2
09-28-62 584682 2248211 5-71					153		8,761	4.92	431						
599185 STAROUST ITASKA KINGS OVATION.*		1	16	1-93	16	1.0	10,041	5.32	534	**	20	+34	+.05	+6	+6
04-13-63 584682 2288726 5-71					49		9,984	5.14	513						
599187 PLAINVIEW DREAMING JESTER.....*		1	13	1-61	13	2.5	8,305	5.44	452	15	24	-56	+.04	+1	-1
07-22-62 554394 2339268 5-71					39		8,503	5.27	448						
599220 MILESTONE RADAR COURAGEOUS....		1	15	1-11	15	2.1	8,125	4.75	386	8	24	+119	-.06	+1	+4
10-01-62 572595 2334334 5-71					30		7,499	4.97	373						
599221 RUSTIC MILESTONE SIR.....*		2	13	1-11	15	1.7	11,260	5.28	594	0	24	+124	+.04	+10	+12
04-27-63 563805 2321206 1-71					23		10,962	5.15	565						
599227 MARLU MILADS EMBLEM.....*		11	16	5-12,13,	42	1.8	9,291	5.13	477	22	44	+45	-.03	0	+1
07-23-62 589069 2195904 5-71				14,21,55	28		9,227	5.25	484						
599245 PANSETTES SLEEPING JESTER.....*		2	8	2-33,61	10	1.8	7,352	5.11	376	13	23	-280	+.01	-13	-18
01-02-63 534585 2265318 5-71					13		8,543	5.09	435						
599255 ETTA POMPOUS DREAM.....*		1	25	1-65	25	2.0	8,537	5.22	446	5	26	-90	+.03	-2	-4
08-17-62 556092 2261125 5-71					35		8,889	5.15	458						
599285 SIR BASIL JESTER SPOOK.....		1	20	1-74	20	1.7	8,629	4.45	384	0	24	-39	-.05	-6	-6
01-03-63 549122 2270065 5-71					22		8,791	4.64	408						
599309 Y-BROOK BLONDE ADVANCER SPARKL*		5	9	2-31,63	16	1.8	8,189	5.23	428	33	31	-571	+.08	-22	-33
08-05-62 568199 2205302 5-71					20		10,178	5.00	509						
599330 JOLLIFIERS KING LEE.....*		3	5	2-21,23	10	2.5	8,850	4.71	417	0	30	+191	-.05	+5	+9
11-20-62 592832 2146113 5-71					21		8,139	4.84	394						

REGISTRATION NUM8ER NAME OF 8ULL	STUO CODE	NUM8ER OF HEROS	EFF OAU /HD	STATES NO- WITH MOST OAUS	... OAUGHTERS AND HEROMATES ... OAUS HM/DAU	REC/OAU HEROMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
599331 8ORGS GOLOEN WARSONG.....*		5	11	2-34,35	18	2.2	9,344	5.16	482	13	32	+125	-.01	+5	+7
09-26-62 556092 2274881 5-71					18		8,967	5.22	468						
599332 THANKFUL SURPRISE HOPE.....*		4	13	2-23,55	23	1.8	7,887	5.08	401	39	34	-366	+.03	-16	-23
06-10-62 010009251 2475088 5-71					14		8,996	5.05	454						
599358 FORTUNE TERESA 8EACON.....*		4	4	2-74,85	13	1.9	7,993	4.50	360	15	36	-355	.00	-18	-24
10-26-62 588502 2140539 5-71					24		8,996	4.56	410						
599463 FILLPAIL VALIANT KEEPER.....*		3	5	3-31,33,	10	1.8	7,792	4.66	363	30	27	-57	-.09	-11	-11
08-28-62 589087 2310726 5-71				41	20		7,915	5.13	406						
599491 MARLU MILAOY VALOR.....*		1	43	1-64	43	1.9	9,035	4.75	429	5	27	+135	-.02	+5	+8
11-23-62 594407 2404305 5-71					50		8,500	4.76	405						
599508 NE8OS SUNSHINE PATTERN.....		2	48	1-73	68	1.5	7,390	5.33	394	34	33	-312	+.12	-5	-12
08-12-62 552974 2287563 5-71					37		8,292	4.93	409						
599514 FAVORITE SELECTION REX.....*		1	10	1-86	10	1.3	10,180	4.78	487	0	19	+140	-.01	+6	+9
11-17-62 561701 2352414 9-70					28		9,512	4.78	455						
599519 SI8LEY FASHION JU8ILEE.....*	33-03	9	7	3-12,14,	26	1.8	9,774	5.08	497	10	47	-56	+.03	0	-1
06-21-63 567370 2025207 5-71				21	23		10,012	5.04	505						
599520 SI8LEY MILESTONE DIAOEM.....*	21-10	40	2	8-11,13,	61	1.9	9,951	4.67	465	11	77	+397	-.26	-4	+7
07-04-63 563805 2025204 5-71				14,16,21	20		9,498	5.00	475						
599521 SI8LEY FASHION OESTINY.....	21-10	27	3	3-12,13,	53	1.8	9,998	4.83	483	17	72	+343	-.21	-2	+7
07-19-63 567370 2211691 5-71				21	22		9,597	5.13	492						
599536 HEADSPRING SPARKLING CONQUEST.*	61-02	15	2	5-31,61,	26	1.8	8,692	5.26	457	24	57	-174	+.15	+4	-1
01-18-63 508078 2329941 5-71				63,65,74	25		9,015	5.00	451						
599543 LI8ERATORS LIBERTY STAR.....		1	13	1-88	13	1.5	8,474	5.07	430	**	21	-112	+.02	-4	-6
09-10-62 564125 2354410 5-71					13		9,029	5.02	453						
599589 VALIANT AIM PLUME JESTER.....*		3	8	1-42	13	1.7	5,823	5.13	299	38	28	-206	.00	-10	-14
07-11-62 573655 1992846 5-71					7		6,306	5.20	328						
599597 MIOLANOS ITASKA ROYAL.....*		3	9	1-87	17	1.3	8,524	5.03	429	10	30	-99	+.05	-1	-3
09-15-62 597750 2521753 5-71					42		8,862	4.92	436						
599605 COIFFURES 8ASIL ECHO.....*		1	13	1-65	13	2.1	7,850	4.46	350	36	23	-121	-.06	-11	-12
08-28-62 558752 2063284 5-71					19		8,330	4.78	398						
599608 TREASURE VALLEY ITASKA.....*		2	15	2-82,84	23	2.5	7,155	4.96	355	6	34	-441	-.02	-24	-31
05-28-62 589390 2218062 5-71					25		8,412	5.09	428						
599610 FAVORITE EMPEROR.....*		2	24	2-84,88	26	2.2	7,745	4.98	386	13	28	-355	-.03	-20	-26
03-01-62 588135 2305066 5-71					48		9,050	5.12	463						
599639 S A I 8LONDE RECORO CREATOR...*		5	32	1-88	52	1.4	9,384	5.54	520	41	34	-506	+.21	-8	-20
07-20-62 520485 2049348 5-71					37		11,090	5.02	557						
599661 CHAMPION ROSARY RUSTY.....		2	30	1-58	32	2.4	9,343	4.86	454	10	29	+126	+.01	+7	+9
09-20-60 537666 2028630 5-71					122		8,910	4.83	430						
599677 SPRINGHILLS WONOERFUL LUKE....	35-05	3	24	2-31,34	30	1.9	9,061	5.29	479	17	29	+220	+.03	+14	+17
12-15-61 466643 2303712 5-71					15		8,252	5.22	431						
599699 SNOWMAN 8LONDE HARRY.....*		2	7	1-64	11	1.7	7,956	5.19	413	0	27	-92	+.03	-2	-4
01-19-63 571913 2138654 5-71					46		8,241	5.10	420						
599704 JESTER 8ANNER CAMILLA 8.....*		2	16	2-31,65	18	1.8	6,976	5.13	358	0	26	-239	-.01	-13	-17
05-15-62 588057 2233884 5-71					18		7,800	5.26	410						
599710 CHAMPIONS ADVANCE.....*		1	14	1-57	14	2.4	8,413	5.11	430	0	25	-8	-.02	-2	-2
09-08-62 564655 1916963 5-71					24		8,403	5.25	441						
599722 A J K TRISTRAM SIR.....*		1	16	1-56	16	1.4	9,375	4.75	445	7	22	+33	-.02	0	+1
09-20-61 585904 2171388 5-71					113		9,266	4.83	448						
599784 ECHOS LILACS ATOM.....*		2	10	1-91	12	2.3	10,700	5.03	538	0	26	+152	+.05	+12	+14
07-25-62 584664 2233171 5-71					11		10,250	4.86	498						
599799 HETHERINGTON THE HUSTLER.....*		1	18	1-31	18	2.1	8,699	4.77	415	0	25	+34	-.08	-5	-3
09-17-62 528332 1857920 5-71					18		8,529	5.14	438						
599812 MARLU LADYS VALOR.....*	63-02	13	3	2-57,63	26	1.6	8,334	4.74	395	24	55	-234	-.05	-16	-19
01-20-63 594407 2342469 5-71					18		8,752	4.83	423						
599822 REVIVERS CONSTELLATION O S.F..*		11	3	2-88,93	19	1.4	9,526	5.09	485	17	44	-185	+.04	-6	-10
03-28-63 589390 2393675 5-71					39		10,069	5.05	508						
599830 CERES ROYAL MILESTONE.....		1	17	1-73	17	1.2	8,500	5.11	434	6	21	+106	+.01	+6	+8
10-14-62 585431 2299115 5-71					48		7,900	5.08	401						
599832 CERES ROYALS OREAMER.....*		4	4	3-65,72,	13	1.4	7,575	4.61	349	13	33	-449	-.07	-28	-35
11-27-62 585431 2125841 5-71				74	23		8,939	4.89	437						
599835 MILESTONE 8ASIL COMMANDO.....*		1	12	1-55	12	2.1	9,049	5.17	468	25	23	-36	+.02	0	-1
09-25-62 593798 2220473 5-71					13		9,253	5.12	474						
599845 8ELVIOERE OANOY AOVANCER.....*		4	17	2-91,93	26	1.6	10,565	5.22	551	29	31	+45	-.03	0	+1
10-31-62 541866 2153267 5-71					26		10,596	5.30	562						
599849 H H FASHION MAC.....*		2	10	1-32	13	1.7	7,762	5.68	441	8	26	+50	+.03	+5	+5
11-28-62 567370 2180976 5-71					23		7,425	5.62	417						
599861 I.C. MILESTONE 8EACON 8AS.....*	72-01	50	4	10-31,32,	121	1.7	8,646	4.80	415	17	83	-117	-.13	-17	-17
05-07-63 563805 2211839 5-71				43,65,72	22		8,781	4.97	436						
599872 WELCOME TYCOON TORNAOO.....*		1	20	1-54	20	1.9	10,006	4.91	491	0	25	+216	-.05	+6	+11
03-29-63 497574 2355906 5-71					19		9,153	5.13	470						
599887 TRISTRAM GOLOEN JESTER.....*		3	8	1-92	19	1.8	11,099	5.36	595	0	37	+254	+.13	+25	+27
05-10-63 591673 2387975 5-71					26		10,591	5.06	536						
599898 JESTER 8. ADVANCER 8ART.....*		1	14	1-43	14	2.5	7,570	4.98	377	0	25	-13	+.03	+2	+1
03-02-63 542372 2164509 5-71					16		7,490	4.83	362						
599901 DOR8ROOKS MAYFLOWER RING MAN..*		2	16	1-33	18	1.6	10,147	5.49	557	27	25	-74	+.08	+3	+1
04-24-63 580702 2380872 5-71					28		10,629	5.24	557						
599902 ROYALS RING MAN OF OOR8ROOK...*		3	11	2-33,61	16	1.8	7,703	5.50	424	21	29	-103	+.14	+7	+3
06-29-63 580702 2213657 5-71					20		7,980	4.94	394						
599926 FAVORITE OANIELS DANDY.....*		2	15	1-13	17	1.8	9,891	5.26	520	24	25	-81	+.03	-1	-3
03-11-63 591298 2213235 5-71					21		10,369	5.19	538						
599928 FASHIONA8LE TRISTRAM EMPEROR..*		2	7	2-33,42	12	1.6	10,050	5.09	512	0	27	+339	-.01	+16	+22
08-05-61 596820 1798686 5-71					27		8,793	5.17	455						
599943 BROWNYS WINSOME DESIGNER.....*		1	11	1-82	11	1.4	7,754	5.43	421	13	20	-109	+.06	0	-3
07-03-62 553314 2250965 5-71					34		8,246	5.14	424						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HO	STATES NO- WITH MOST OAUS	... DAUGHTERS AND HERDMATES ... OAUS HM/DAU	REC/OAU HERDMATE	MILK MILK	% %	FAT FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
599965 STONEY BLUFF CHAMPION BONANZA.*		1	16	1-43	16	1.6	8,854	4.83	428	63	22	-117	.00	-6	-8
12-27-62 592841 2136677 5-71					25		9,442	4.86	459						
599994 TENN JESTER G 8 I LAD.....*		3	15	2-63,71	22	1.1	8,020	4.89	392	21	27	-57	.00	-3	-4
03-12-63 565303 2108139 5-71					13		8,163	4.94	403						
599997 TENN TORONO G D D LAD.....*	61-02	2	10	1-63	16	2.1	12,678	4.91	622	0	31	+251	.00	+13	+17
04-30-63 497574 2108128 5-71					45		12,207	4.88	596						
600002 MARLU WARSPITE.....*	23-09	14	9	11-12,22, 23,33,74	31	2.4	10,436	5.39	563	0	49	+273	+.05	+18	+22
09-05-62 589136 2274241 5-71					34		9,997	5.35	535						
600004 BRDWNLANE FASHION BASILEUS....*		1	18	1-11	18	2.4	8,858	4.93	437	28	26	-230	+.02	-10	-14
06-03-62 010129617 010197505 5-71					24		9,863	4.90	483						
600034 L.G. BEACON SNDWMAN STORM.....*		3	9	2-82,86	13	1.0	7,351	4.91	361	**	23	-96	+.01	-4	-6
04-29-63 571913 2186992 5-71					25		7,664	4.92	377						
600051 SILEY OANDY MILLYS LEADER....*		2	8	1-13	10	2.1	9,062	5.29	479	14	24	-115	+.05	-1	-4
08-24-63 567370 2035146 5-71					22		9,617	5.13	493						
600066 LIBERATORS KING.....*		2	11	1-88	19	2.1	10,413	4.98	519	0	33	-134	.00	-7	-9
11-04-62 564125 2166445 5-71					25		11,038	5.01	553						
600087 JESTER OONNA STAR.....*		1	12	1-32	12	1.8	8,190	5.05	414	38	22	-299	+.06	-10	-16
02-02-63 565141 2229453 5-71					4		9,651	4.83	466						
600104 SPARKLING PROMDTER.....*		1	30	1-57	30	1.9	8,545	4.80	410	13	26	+15	-.10	-8	-6
05-15-62 554146 2046899 5-71					22		8,449	5.27	445						
600106 FAVORITE COMMANDO PATTERN.....*		3	20	2-23,93	24	2.2	9,582	5.31	509	0	30	-76	+.03	-1	-3
10-15-62 552974 2167900 5-71					20		9,952	5.25	522						
600121 MILESTONE L.C. ANSOM.....*		4	7	2-33,43	12	1.8	9,413	5.31	500	18	28	+142	-.03	+4	+7
01-06-63 591906 2143118 5-71					11		8,919	5.48	489						
600122 LADY SYLVIAS ANSOM.....*		10	4	5-33,42, 58,73,84	20	1.9	7,764	4.80	373	14	47	-268	-.02	-15	-19
01-11-63 591906 2143115 5-71					28		8,274	4.87	403						
600132 SURVILLE PRIDES FORREST.....*		3	11	1-31	16	1.9	9,122	5.43	495	27	29	+31	+.04	+5	+5
11-08-62 562315 2162116 5-71					15		9,031	5.32	480						
600145 MARLU MODEL VALOR.....*		5	15	4-31,35, 41,55	30	1.5	9,735	5.04	491	7	36	-149	+.01	-7	-10
02-21-63 594407 2404314 5-71					12		10,294	5.07	522						
600146 MARLU ZINNIAS VALOR.....*		1	35	1-85	35	1.5	9,550	5.21	498	4	25	-22	+.08	+6	+4
03-16-63 594407 2290028 5-71					40		9,726	4.90	477						
600150 MILESTONE BAS EMILYSMAN.....*	35-21	1	27	1-65	27	1.9	11,264	4.50	507	4	26	+220	-.07	+5	+10
05-21-63 563805 2114664 5-71					28		10,596	4.63	491						
600153 MILESTONE BAS CHAMPION.....*		2	9	2-92,93	14	1.5	9,642	5.16	498	7	27	-204	-.01	-11	-14
08-09-63 563805 2159529 5-71					20		10,578	5.24	554						
600160 BLONDE WONDER ROYAL.....*		1	21	1-23	21	2.2	7,426	5.09	378	0	26	-379	-.02	-21	-27
05-03-63 010009100 2525381 5-71					12		8,912	5.22	465						
600171 GOLDEN JESTER LAD.....*		2	8	1-35	10	1.8	8,999	5.17	465	33	23	-149	+.04	-4	-7
12-10-62 590563 2053439 5-71					7		9,744	5.06	493						
600174 W.H.L.T.S VICTOR.....*		1	13	1-31	13	1.8	10,762	5.31	571	8	22	+110	+.06	+11	+12
02-26-63 497574 2172599 5-71					35		10,428	5.10	532						
600177 JESTER STANDARO BELMONT.....*		3	5	1-58	14	2.7	8,171	4.87	398	10	37	-295	+.07	-9	-15
01-18-62 488392 2173916 5-71					72		8,978	4.72	424						
600180 H V JESTER MILESTONE SUPREME..*		5	4	3-55,57, 63	15	1.7	8,076	5.21	421	40	38	-119	.00	-6	-8
04-23-63 563805 2066164 5-71					84		8,341	5.25	438						
600181 BROWNLANE WANDAS FASHION.....*		2	15	2-11,12	24	1.6	9,365	5.11	479	13	32	-168	-.02	-10	-13
03-29-63 010129617 010275656 5-71					58		10,015	5.20	521						
600185 BABY ESMONO.....*		2	7	2-48,73	13	1.8	9,659	5.20	502	31	30	-139	.00	-7	-9
12-06-62 502114 2232597 5-71					26		10,261	5.24	538						
600202 ROYAL CERES DESIGNER.....*		2	23	1-33	25	1.4	8,665	5.46	473	36	25	-140	+.03	-4	-7
08-05-63 585431 2182254 5-71					12		9,270	5.38	499						
600206 JEANIES EMPIRE.....*	23-13	17	6	2-23,55	55	1.7	8,669	5.11	443	24	66	-322	+.04	-13	-19
11-15-62 528332 2181569 5-71					20		9,196	5.07	466						
600207 ADVANCERS ALPHA ASTRONAUT.....*		2	17	2-31,48	19	1.8	7,713	5.33	411	17	26	-188	-.01	-10	-13
05-14-63 590527 2490149 5-71					17		8,399	5.43	456						
600211 SUPERB ADONIS.....*	35-05	42	5	10-14,35, 41,42,63	121	1.5	10,073	5.11	515	15	81	+390	+.04	+23	+29
07-09-63 566264 1909488 5-71					23		9,673	5.09	492						
600212 SECRET WONDERFUL JUDGE.....*		1	38	1-31	38	2.0	9,638	5.90	569	11	27	-13	+.17	+14	+11
07-16-63 497574 2339881 5-71					8		9,782	5.39	527						
600213 CHAMPION INFERNOS LAD.....*		1	26	1-31	26	2.2	11,150	4.77	532	0	27	+174	-.05	+4	+8
12-02-62 582140 2230139 5-71					8		10,677	4.92	525						
600217 OONNADALE TORONO.....		1	12	1-63	12	1.4	7,929	5.33	423	58	20	-219	+.07	-5	-10
07-06-63 497574 2177138 5-71					34		9,035	5.04	455						
600222 STAROUST ITASKA BROWNY KING...*		1	17	1-93	17	1.8	8,364	5.11	427	13	23	-121	+.06	-1	-4
10-04-63 584682 2182627 5-71					117		8,889	4.92	437						
600244 HETHERINGTON B.J.A. ADVANCER..*		2	52	1-55	61	1.7	8,333	5.06	422	28	30	-236	+.04	-8	-13
08-21-63 528332 2211692 5-71					173		9,143	4.97	454						
600257 SNOWDROPS FASHIONABLE PRINCE..*		2	18	2-32,57	20	1.5	8,380	5.62	471	5	24	+28	+.05	+6	+6
02-04-63 567370 2382042 5-71					19		8,198	5.46	448						
600305 ITASKAS PARIADE DESIGN.....*		1	26	1-43	26	1.7	8,059	5.12	413	23	25	-204	-.01	-11	-14
07-28-63 581485 2072037 5-71					20		8,885	5.22	464						
600306 ITASKAS JOOY FARMER.....		2	8	2-33,65	10	1.7	8,722	5.02	438	20	23	-66	+.01	-2	-3
08-05-63 581485 2298859 1-71					13		9,035	5.00	452						
600316 MARLU ZENITH MILESTONE.....*	61-02	2	17	1-23	19	1.6	10,536	4.71	496	5	25	+273	-.16	-1	+6
04-15-63 563805 2044727 5-71					7		9,508	5.36	510						
600317 MILADYS MILESTONE.....*		3	11	1-34	15	1.8	8,524	5.00	426	31	27	-17	-.01	-2	-2
05-10-63 596406 2341881 5-71					18		8,562	5.10	437						
600318 MILESTONE MILAO.....*	61-02	2	13	1-34	15	1.7	7,997	5.35	428	27	24	-12	+.04	+3	+2
07-06-63 589069 2353596 5-71					26		7,960	5.19	413						
600319 WELCOME HIGH LAWN TORONO KNIGH*		2	7	1-74	11	1.6	10,198	4.97	507	27	27	+90	-.02	+3	+5
04-26-63 497574 2215083 5-71					23		9,972	5.01	500						
600323 BLONDE BEACON BEAU.....*		17	2	11-12,21, 22,23,31	21	1.3	9,064	5.10	462	44	52	-250	-.04	-16	-20
03-19-63 565141 2113892 1-71					24		9,626	5.19	500						

REGISTRATION NUMBER / NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF OAU /HD	STATES NO- WITH MOST DAUS	... OAUGHTERS AND HERDMATES ... OAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	%	1ST. REPT INC	%	PREOICTED DIFFERENCES MILK	%	FAT	$$
600335 STONEY BLUFF MILKMAN DUKE.....*		3	19	2-35,43	26	1.5	10,443	5.18	541		36	29	+230	-.02	+10	+14
03-06-63 550331 2036092 5-71					33		9,743	5.28	514							
600345 LESSONS RING MAN.....*		3	6	1-74	12	1.1	10,011	4.89	490		29	26	+330	-.01	+16	+22
04-23-63 591619 2317465 5-71					15		8,730	4.87	425							
600353 SPARKLING ROYAL BART.....*		2	23	1-12	25	1.6	10,252	5.06	519		5	26	+209	+.01	+11	+15
10-23-63 569270 2369499 5-71					18		9,516	5.05	481							
600382 HUTCHINSON FARM COMBINATION...*		1	16	1-13	16	1.4	6,670	5.07	338		0	22	-203	.00	-10	-14
03-10-63 552535 2139088 5-71					14		7,472	5.15	385							
600389 KING B ETTA STAR.....*		3	11	1-43	15	1.3	9,335	4.82	450		43	25	-200	+.01	-9	-13
10-27-63 591239 2018108 5-71					19		10,292	4.83	497							
600395 JULIAS CHAMPION FRED.....*		1	12	1-82	12	1.8	9,939	5.38	535		27	22	+154	+.08	+15	+16
05-03-63 577237 2512144 5-71					3		9,283	5.04	468							
600396 MACS ROSSINI BOUQUET.....*		3	4	3-87,91,	10	1.6	8,728	5.24	457		14	29	+10	+.01	+1	+1
03-02-62 591219 2199605 1-71				93	11		8,677	5.24	455							
600400 LIBERATORS JEST LORD.....		1	17	1-57	17	1.6	9,235	4.95	457		13	23	-103	+.01	-4	-6
03-28-63 564125 2333800 5-71					25		9,782	4.93	482							
600411 POWER KING VALIANT.....*		3	8	1-31	13	1.2	9,490	5.43	515		30	25	+71	+.07	+10	+10
03-01-63 591239 2360711 5-71					22		9,249	5.19	480							
600428 REVIVERS FILLPAIL MARKSMAN....*		5	10	1-56	17	1.3	9,953	5.01	499		29	29	+131	.00	+7	+9
01-23-63 589390 2002074 5-71					35		9,563	4.98	476							
600439 LEADER IVY STANDARD.....*		3	11	1-43	17	1.5	8,823	5.17	456		9	29	+40	+.07	+8	+8
02-28-62 567370 2274581 5-71					34		8,667	4.93	427							
600441 HUTCHINSON FARM MARVEL.....*		1	10	1-13	10	2.6	8,112	4.84	393		0	23	-56	-.02	-5	-6
01-10-63 579169 2420182 5-71					15		8,305	5.01	416							
600443 GREEN DREAM GEORGES AMBASSADOR*		4	5	3-11,12,	10	2.5	7,992	5.88	470		22	30	-439	+.19	-6	-16
09-30-60 010115072 010300817 5-71				13	39		9,543	5.23	499							
600447 BEAUTYS ADVANCER BUTCH.....*		8	3	2-82,88	14	2.2	8,230	5.05	416		13	41	-217	.00	-11	-15
04-15-60 518709 1711945 5-71					14		8,757	5.10	447							
600455 SLEEPING PATHFINDER.....*		1	38	1-74	38	1.5	9,627	4.56	439		14	25	-143	+.04	-4	-7
09-01-63 534585 2449105 5-71					34		10,342	4.46	461							
600471 MILESTONE LYNN MARLU.....*		1	13	1-56	13	1.9	8,361	5.08	425		8	23	-90	+.03	-2	-4
03-30-63 577027 2373370 5-71					30		8,754	5.00	438							
600499 KINGS ETTA STAR.....*		2	10	1-31	19	1.5	5,873	5.24	308		31	33	-513	+.02	-24	-33
12-18-63 591239 2336887 5-71					11		7,299	5.17	377							
600507 TENN TORONO G E A LAO.....*		1	21	1-63	21	1.4	9,372	5.04	472		25	23	+31	-.02	0	+1
07-11-63 497574 2330329 5-71					41		9,281	5.16	479							
600512 PIXYS TRISTRAM MIDAS.....*		1	25	1-42	25	1.4	8,626	5.11	441		0	24	+229	+.03	+14	+18
10-04-63 530104 2246455 5-71					50		7,536	5.02	378							
600515 Y-BROOK BLONDE ADVANCER AIM...*		2	8	1-31	15	1.9	8,469	4.99	423		0	32	+165	+.01	+9	+12
10-06-63 568199 2228882 5-71					8		7,848	4.97	390							
600516 Y-BROOK BROTHERS IDEAL.....*		3	9	1-31	12	1.8	8,153	5.11	417		25	26	-115	+.01	-5	-7
10-11-63 590917 2294354 5-71					22		8,574	5.16	442							
600517 ETTAS SLEEPER.....*		1	11	1-31	11	1.7	8,905	5.42	483		9	21	+31	-.01	+1	+2
04-23-63 534585 2194805 5-71					20		8,748	5.50	481							
600521 MARLU MILAD ASTRO.....*	21-10	34	2	8-13,14,	49	1.5	9,068	5.19	471		18	71	-374	+.07	-13	-20
06-17-63 589069 2320882 5-71				16,21,23	21		9,682	5.12	496							
600534 BRIGHAM ADVANCER JEST.....*		1	19	1-13	19	1.9	9,800	4.85	475		16	25	-330	+.04	-13	-19
03-31-63 555208 1850119 5-71					60		11,402	4.74	541							
600540 BEACON LINDALE BAS.....*		5	6	2-35,41	12	1.5	7,893	4.85	383		42	29	-209	-.02	-12	-15
09-20-63 602723 010349928 5-71					12		8,589	4.97	427							
600542 MILESTONE BAS BIJOU.....*		3	7	2-41,63	10	1.2	10,282	4.80	494		29	23	+102	.00	+5	+7
08-15-63 563805 2380470 9-70					36		9,937	4.77	474							
600544 GLEN MEADOWS SURVILLE MARINER.*	21-10	17	2	3-13,14,	26	2.0	9,626	5.12	493		12	60	+110	+.04	+9	+10
10-12-63 562315 2163665 5-71				21	29		9,508	5.07	482							
600571 PIONEERS SYBIL BARONET.....*		1	12	1-23	12	1.8	8,959	5.12	459		27	22	-112	+.03	-3	-5
08-25-63 574752 2209792 5-71					14		9,537	5.05	482							
600590 HETHERINGTON GOLDEN SPARKLE...*		4	54	2-55,74	73	1.6	9,066	5.32	482		21	33	+2	+.11	+10	+8
05-22-63 565141 1926840 5-71					168		9,083	5.00	454							
600602 EASTWOOD ADVOLSTAND PATHFINDER*		1	14	1-65	14	2.6	8,078	5.16	417		14	25	-153	+.05	-3	-6
10-15-62 557868 2121236 5-71					20		8,684	4.97	432							
600614 POLYMEADOWS ESQUIRE.....*		2	8	2-13,55	11	1.8	7,968	5.56	443		27	26	-285	+.05	-10	-16
05-01-63 586091 2093213 5-71					47		9,117	5.41	493							
600618 JESTERS AMBASSADOR.....*	61-02	26	4	7-13,31,	69	1.6	8,186	5.05	413		16	73	-446	+.08	-16	-25
07-19-63 575184 2027467 5-71				32,61,74	25		8,791	4.95	435							
600622 DAZZLING STAROUST.....*		6	14	1-93	23	1.8	9,706	5.13	498		30	32	-400	+.07	-14	-22
09-05-63 596503 2428308 5-71					31		11,185	4.97	556							
600624 HANDSOME DAZZLER.....*		3	9	1-87	12	1.1	8,743	5.04	441		18	23	+17	+.01	+2	+2
09-26-63 596503 2476772 5-71					41		8,648	5.01	433							
600628 IROEL DAIRYLIKE FELIX.....*		3	19	1-42	23	2.1	8,903	5.22	465		21	29	-80	.00	-4	-5
05-09-62 591683 2026330 5-71					13		9,221	5.27	486							
600634 GIL-BAR CAROM COMMANDO.....*		1	16	1-35	16	1.6	9,294	5.08	472		23	23	-18	+.01	0	0
08-12-63 558413 2034336 5-71					17		9,436	5.04	476							
600644 BELMONT COMMANDO.....*		1	14	1-65	14	1.2	7,284	4.78	348		43	20	-177	+.03	-6	-10
10-26-63 574676 2121025 5-71					86		8,081	4.64	375							
600668 GOLDEN JESTER ROYAL AIM.....*		5	4	1-32	12	1.3	8,023	5.43	436		30	32	-224	+.03	-9	-13
09-15-63 574676 2194191 5-71					12		8,720	5.38	469							
600671 CARRY ON DANCER EARL.....*		1	15	1-13	15	3.5	10,624	5.12	544		0	27	0	+.07	+6	+5
10-11-60 579169 2053493 5-71					22		10,820	4.91	531							
600676 BROWDERS WINSOME TEJAS COUNT..*		1	36	1-74	36	1.6	5,210	4.78	249		10	26	-354	.00	-18	-24
06-06-63 567749 1795625 5-71					65		6,347	4.88	310							
600688 O-AT-KA STUMBLE BUM.....*		1	11	1-21	11	2.6	9,667	4.86	470		0	24	+4	-.05	-4	-3
08-13-63 590345 2394937 1-71					22		9,738	5.10	497							
600708 RENADA ADVANCER CHIEF.....*		4	5	1-88	18	1.6	10,701	4.85	519		29	39	+91	-.06	-1	+2
09-27-63 583175 2304062 5-71					34		10,646	5.02	534							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
600711 HEADSPRING RECORD DEACON.....*		4	15	1-56	20	1.7	9,039	5.21	471	12	29	-182	+.01	-8	-11
11-02-61 520485 2211994 5-71					67		9,773	5.22	510							
600718 MARLU ANSOM LAD.....*		3	9	2-56,74	12	1.3	9,339	5.23	488	17	24	+29	-.02	0	+1
09-05-63 594407 2274261 5-71					56		9,259	5.32	493							
600719 WILMINGTON ADVANCER PRINCE....*		4	14	2-31,48	24	1.5	9,268	5.31	492	14	32	-36	+.04	+2	+1
11-02-63 586832 2010711 5-71					25		9,442	5.20	491							
600758 LUKES ROYAL COUNT.....*		1	19	1-93	19	1.5	11,316	5.24	593	19	23	+182	-.01	+8	+11
10-31-63 578432 2417770 5-71					39		10,719	5.31	569							
600762 ADVANCER BROWNY WARD.....*		3	16	1-42	20	1.6	7,193	5.60	403	16	27	-425	+.06	-16	-24
09-30-63 556479 2193179 5-71					20		8,767	5.35	469							
600804 Y-BROOK BROTHERS ED.....*		1	23	1-31	23	1.3	10,169	5.13	522	0	23	+76	-.04	0	+2
10-15-62 590917 2352301 5-71					9		9,947	5.37	534							
600806 GOLDEN SLEEPING MILESTONE.....*		3	24	2-82,84	28	1.5	10,719	4.52	484	23	26	+44	-.02	0	+1
01-10-64 563805 2392986 5-71					36		10,742	4.59	493							
600813 ADVANCER PEGGYS MILESTONE.....*		5	6	2-13,56	14	1.6	9,075	5.39	489	25	32	-166	+.08	-1	-5
10-15-63 592650 2306508 5-71					27		9,680	5.19	502							
600814 SPECIALS CHIEF.....		1	22	1-93	22	1.4	11,040	5.00	552	10	23	+291	-.01	+14	+19
03-04-63 579323 2010507 5-71					22		9,903	5.04	499							
600816 JOYCE SUPREME PILOT.....	35-75	1	18	1-93	18	1.7	12,357	4.90	606	13	24	+139	.00	+7	+9
04-21-63 592920 2118785 5-71					2		12,094	4.89	591							
600820 SECRET SUPREME ACE.....*		4	10	1-91	21	2.0	9,899	5.33	528	18	36	+59	+.09	+11	+11
02-01-63 497574 2163400 5-71					18		9,834	5.14	505							
600821 POLYMEADOWS FLOWERS SON.....*		2	17	1-13	21	1.1	8,149	5.15	420	24	24	-184	+.08	-2	-6
02-05-64 586091 2295074 5-71					33		8,912	4.86	433							
600823 MARLU ZINNIA MILAO.....*		5	4	3-31,42,	16	1.6	9,125	4.48	409	19	40	+193	-.20	-8	-2
06-08-63 589069 2290027 5-71				74	25		8,621	5.00	431							
600825 MARLU MILAO MOTTO.....*		3	13	1-61	17	1.9	10,197	4.82	492	6	28	+32	-.07	-5	-3
06-18-63 589069 2341898 1-71					17		10,218	5.10	521							
600827 MARLU MILAO KEYNOTER.....*		4	4	4-22,23,	10	1.7	8,624	5.26	454	29	29	-218	+.02	-9	-13
08-21-63 589069 2147381 5-71				56,58	38		9,441	5.23	494							
600828 MARLU MILAOS CHIEF.....		3	7	1-42	10	1.0	8,179	5.18	424	56	22	+49	+.01	+3	+4
09-01-63 589069 2404310 9-70					11		7,852	5.17	406							
600829 MARLU MILESTONE TOPPER.....*		1	44	1-63	44	1.8	9,378	4.89	459	10	27	-222	+.01	-10	-14
09-05-63 563805 2380852 5-71					30		10,346	4.87	504							
600830 MARLU MILAO MONARCH.....*		2	12	2-73,74	15	1.3	7,754	5.51	427	53	24	-361	+.02	-16	-23
09-13-63 589069 2274268 5-71					51		9,303	5.43	505							
600831 MARLU FASHION MILAD.....*	35-75	44	4	25-13,21,	86	1.1	9,147	5.15	471	18	76	-439	+.04	-19	-27
09-24-63 589069 2493306 5-71				22,35,82	21		9,824	5.12	503							
600832 ZEPHYR SYBIL BEACON.....*		10	3	4-12,13,	15	1.5	8,987	4.85	436	57	40	+37	-.05	-3	-2
04-25-63 550285 2472638 5-71				14,23	27		8,898	5.01	446							
600840 STARDUST ITASKA KINGS STAR....		1	20	1-93	20	1.1	8,463	5.08	430	14	21	-131	+.05	-2	-5
04-01-63 584682 2429676 5-71					118		9,104	4.88	444							
600841 STARDUST SURVILLES DESTINY....*		1	26	1-93	26	1.9	11,290	4.86	549	8	26	+125	-.03	+4	+7
08-31-63 557569 2179174 5-71					21		11,023	4.93	543							
600867 RULERS FILLPAIL ROYAL.....*		2	10	2-31,55	12	1.5	7,545	5.10	385	18	23	-57	-.01	-4	-5
05-17-63 598277 2353955 5-71					13		7,680	5.26	404							
600868 MILADYS PEERLESS SECRET.....*		2	8	1-13	10	1.7	10,167	4.91	499	0	23	-210	+.05	-6	-10
10-24-63 596406 2214604 5-71					59		11,345	4.77	541							
600869 COMMANOD FASHION JINX.....*		3	16	2-13,56	20	3.0	8,097	5.43	440	0	30	-207	+.03	-8	-12
11-12-61 567370 2296258 5-71					15		8,777	5.40	474							
600873 SUNBEAM CRAFTSMAN.....*	31-02	14	7	10-12,33,	28	1.4	10,374	4.90	508	18	46	+564	-.02	+26	+36
02-08-64 563805 2224395 5-71				52,55,58	54		9,192	4.93	453							
600880 F. ADVANCERS SIR.....		1	20	1-35	20	1.7	9,544	4.83	461	0	24	-106	-.04	-9	-10
05-06-63 568425 2121669 5-71					8		10,118	5.04	510							
600888 CORALAD CHAMPIONS MAYDR.....		2	17	1-92	19	1.7	9,698	5.38	522	**	26	-211	+.13	+1	-5
06-13-62 571135 1897927 5-71					4		10,700	4.93	527							
600891 JEWELER DESIGN POMPOUS.....*		1	10	1-61	10	1.5	7,067	5.19	367	22	20	-120	+.02	-4	-6
08-01-63 525627 2368345 1-71					29		7,540	5.09	384							
600893 MILESTONE RADAR OF LINDALE....*		1	16	1-65	16	1.7	8,556	4.76	407	27	23	-94	+.03	-2	-4
07-01-63 563805 2174069 5-71					27		8,979	4.67	419							
600894 MILESTONE BEACON OF LINDALE...*		2	11	1-65	13	1.2	8,613	4.55	392	0	22	-114	-.03	-8	-10
09-18-63 563805 2159523 9-70					29		9,183	4.69	431							
600896 LEADER SUPREME BUTTERBOY.....*		3	5	3-41,42,	10	1.5	8,025	5.16	414	14	26	-30	-.01	-2	-2
04-29-63 594739 2315055 5-71				47	16		8,066	5.24	423							
600903 TORONO JESTER BASIL.....		1	28	1-56	28	3.0	8,920	5.07	452	4	29	+39	-.01	+1	+2
11-30-60 497574 1954147 5-71					22		8,778	5.12	449							
600907 WELCOME TORONO CHIEF.....*		1	29	1-35	29	1.5	9,972	4.95	494	11	24	-113	+.02	-4	-6
10-17-63 497574 2285839 5-71					7		10,614	4.94	524							
600919 JUNES PATTERN HARVEY.....		1	11	1-21	11	1.1	9,165	5.07	465	20	19	-71	-.02	-5	-6
07-25-63 552974 1990333 1-71					12		9,630	5.23	504							
600923 HEADSPRING MILESTONE RADIANT..*		2	26	2-56,74	28	1.7	8,640	5.17	447	25	27	-354	+.02	-16	-22
07-18-63 563805 2201911 5-71					123		10,100	5.15	520							
600925 GOLDEN STAR ADVANCING OF B.A..*		1	30	1-46	30	1.9	8,266	5.17	427	7	26	+131	+.03	+9	+11
09-06-63 565141 2048768 5-71					13		7,649	5.09	389							
600928 COSMIC FASHION.....*		4	15	1-13	29	1.7	7,733	4.95	383	13	36	-132	+.03	-4	-7
08-06-63 594900 010343422 5-71					22		8,016	4.90	393							
600947 HEADSPRING MILESTONE ACCLAIM..*	61-02	21	3	4-31,33,	43	1.6	9,196	5.12	471	14	67	-142	+.13	+4	0
08-30-63 563805 2306140 5-71				61,74	21		9,471	4.93	467							
600948 HEADSPRING MILESTONE KNIGHT...*		1	13	I-56	13	1.5	10,025	5.31	532	15	22	+6	.00	0	0
09-29-63 563805 2201913 5-71					36		10,122	5.37	544							
600961 BETTYS SLEEPING JESTER O S.F..*		12	2	2-88,93	18	1.5	10,122	5.05	511	0	47	+200	+.03	+13	+16
10-06-63 534585 2226843 5-71					24		9,792	4.97	487							
600962 ANSOM SLEEPING VISATOR O S.F..*		17	6	2-42,93	53	1.1	9,369	4.94	463	27	62	-225	-.07	-17	-20
01-10-64 534585 2356796 5-71					25		9,831	5.06	497							

REGISTRATION NUMBER	NAME	DF	BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES ND- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	%	FAT	1ST LAT INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
600972	CDROELIAS SLEEPING JESTER.....		*		1	32	1-92	32	1.2	10,546	5.07	535	31	24	-61	-.01	-4	-5
01-01-64	534585	2194539	5-71					37		11,026	5.14	567						
600980	MILESTDNE JESTER 8.....				1	20	1-93	20	1.0	8,810	4.84	426	18	21	-117	.00	-6	-8
11-25-63	563805	2229043	5-71					126		9,437	4.90	462						
600981	ROYAL AIM WARO.....		*		1	13	1-31	13	1.2	6,841	5.01	343	23	20	-188	-.02	-11	-14
12-02-63	596054	2508671	5-71					15		7,658	5.18	397						
600983	8 J A GIVIA JOE.....		*		12	1	5-21,31,	15	1.4	8,122	5.28	429	0	44	-338	+.06	-12	-19
10-14-63	528332	2123204	5-71				32,34,91	11		8,898	5.17	460						
600987	TIDYS F.G. 8LDNOE SIR.....		*		1	14	1-65	14	1.6	8,561	5.05	432	33	22	-252	+.08	-6	-12
10-23-63	547848	1943760	5-71					9		9,795	4.77	467						
601005	RELIA8LE AIM RULER.....		*		3	24	1-64	33	1.1	9,763	4.82	471	13	28	+246	-.03	+10	+15
04-28-63	589772	2308428	5-71					91		8,875	4.90	435						
601023	FILLPAIL CDNECTOR DESIGN.....				1	10	1-93	10	1.1	7,742	5.13	397	0	18	-261	+.05	-9	-14
07-10-63	586649	2059138	5-71					117		9,217	4.94	455						
601033	GDLDEN LANCER.....		*		5	19	2-42,57	32	1.6	8,354	5.21	435	19	34	-49	+.01	-2	-3
11-30-63	565141	2181813	5-71					54		8,462	5.26	445						
601039	PORTLAND SHARRAO.....		*		1	15	1-32	15	1.3	8,779	5.21	457	50	21	-12	-.02	-2	-2
10-10-62	583644	1803150	5-71					9		8,840	5.36	474						
601063	S.8.M. CDMMANDOS SNDWMAN.....				2	6	1-48	12	1.3	9,246	5.38	497	33	27	+155	+.01	+9	+11
01-03-64	594674	2431696	1-71					11		8,653	5.39	466						
601065	MARSHLAND AOVANCER 8EACDN.....		*		3	22	1-13	26	1.8	9,582	5.48	525	12	28	-191	+.06	-4	-8
04-11-63	600740	2540919	5-71					12		10,431	5.32	555						
601067	GDLOEN 8ONNIE OESIGNER.....				2	10	1-54	19	2.0	10,086	5.07	511	11	34	+241	-.04	+8	+13
09-25-63	562315	2335296	5-71					18		9,436	5.22	493						
601071	SMDKEY HILL FAVDRITE ADVANCER.		*		3	9	1-23	13	1.2	9,708	4.82	468	38	23	-166	-.02	-10	-13
11-11-63	563813	2171796	5-71					18		10,600	4.93	523						
601096	ROSES ETTA CDMMANOO.....		*		3	7	1-74	15	1.3	9,128	4.90	447	20	30	+120	+.02	+8	+10
10-06-62	584799	2017445	5-71					12		8,719	4.81	419						
601111	JESTERMANS STANDARO SULTAN....		*		2	23	1-92	27	1.0	10,349	5.11	529	**	24	+43	+.01	+3	+4
01-22-64	561469	2296649	5-71					63		10,317	5.10	526						
601152	MARLU MILESTONE VALDR.....		*		2	16	1-55	26	1.4	7,913	4.89	387	23	32	-245	+.05	-8	-13
05-01-64	594407	2187377	5-71					46		8,667	4.74	411						
601159	ODU8LE WINSDME DESIGN.....		*		2	12	1-31	17	2.1	8,690	5.25	456	0	30	+51	+.03	+5	+5
10-25-63	575186	2450346	5-71					10		8,480	5.17	438						
601161	ETTAS JESTER RDCHETTE.....		*		1	15	1-61	15	1.4	7,929	4.79	380	0	22	-88	-.01	-5	-6
01-23-64	591238	2406017	5-71					11		8,284	4.90	406						
601170	J. JESTER.....		*		3	11	3-42,43,	15	1.7	9,306	5.30	493	23	26	-164	+.09	0	-4
08-22-63	542372	2108898	5-71				72	16		10,052	4.97	500						
601173	IMP WINSDME JESTER.....		*		8	11	4-23,31,	24	1.5	6,959	5.33	371	13	36	-446	+.03	-20	-28
09-15-58	010008516	010067947	5-71				32,51	18		8,137	5.25	427						
601176	WALLFLOWER MILESTONE WARO.....		*		1	28	1-48	28	1.9	8,500	4.84	411	14	26	+58	-.04	-1	+1
09-30-63	596054	2368405	5-71					23		8,214	5.09	418						
601178	WHITEHDLM SIR TRISTRAM.....		*		2	11	1-11	14	2.0	9,221	5.13	473	7	27	-94	+.05	0	-2
09-20-63	571291	1951851	5-71					39		9,655	4.97	480						
601184	KEYSTDNE.....		*		3	7	1-23	10	2.0	7,692	5.25	404	0	26	-268	+.04	-10	-15
07-01-63	563805	2176467	5-71					12		8,718	5.14	448						
601250	RELIA8LE WINSOME FILLPAIL.....		*		4	5	2-64,65	13	1.5	7,738	4.64	359	0	32	-289	-.04	-18	-22
06-17-63	596519	2060059	5-71					92		8,620	4.83	416						
601256	IDLEMERE CHARGER 8ANNER.....		*		1	12	1-93	12	1.0	8,631	5.04	435	0	19	-152	-.03	-10	-12
01-19-64	578791	2264302	5-71					47		9,521	5.23	498						
601258	MILESTDNE EXPERT.....	41-01	*		43	3	10-35,41,	96	1.4	8,676	5.24	455	17	80	-125	+.15	+7	+3
12-15-63	563805	2159516	5-71				42,43,47	13		8,831	5.06	447						
601287	SUPREME LANCER.....		*		4	5	3-86,87,	14	1.9	7,964	4.95	394	**	36	-372	+.04	-15	-22
10-16-60	574748	1727002	5-71				88	50		9,026	4.84	437						
601292	8ASILEUS JESTER COMMANDO JACK.		*		1	13	1-32	13	2.3	8,062	4.76	384	0	24	+14	-.02	-1	0
04-21-61	552974	1956265	5-71					10		7,906	4.88	386						
601297	CORALAD CHAMPIONS PRINCE.....				5	8	1-92	17	1.5	8,816	5.57	491	38	33	-226	+.11	-2	-8
06-02-63	571135	1897927	5-71					13		9,578	5.27	505						
601301	PIXYS MILESTONE 8EAU.....		*		1	11	1-35	11	1.0	9,066	5.46	495	27	18	-56	+.07	+3	+1
02-01-64	563805	2111610	5-71					14		9,437	5.13	484						
601310	8EACONS JESTER 8OY 8EAU.....		*		1	17	1-63	17	1.3	9,885	4.93	487	0	22	-15	+.01	0	0
12-27-63	573071	2235306	5-71					25		10,084	4.95	499						
601325	ALTA SUN DANCER KNIGHT.....				1	33	1-93	33	1.1	9,309	5.03	468	0	23	-7	+.03	+2	+1
07-13-63	585397	2294331	5-71					120		9,397	4.90	460						
601346	FARMER 8RDWNS 8ROWNY DAY OREAM		*		2	8	1-92	10	1.0	10,250	5.26	539	0	20	+7	+.04	+4	+4
07-12-63	530454	1998318	5-71					69		10,368	5.09	528						
601366	8LUE RIDGE CERES ADVANCER.....		*		3	17	1-92	21	2.0	10,644	5.35	569	5	29	+94	+.03	+7	+8
08-05-63	595253	1963040	5-71					31		10,476	5.30	555						
601415	JUOYS CERES RDYAL.....		*		2	8	1-33	10	1.6	10,022	4.63	464	30	22	+143	-.08	0	+4
11-03-63	585431	2307158	1-71					12		9,428	4.99	470						
601428	JESTER NORA STAR.....		*		2	18	2-63,65	22	1.3	7,647	5.34	408	10	26	-136	+.04	-3	-6
04-02-64	594846	2414077	5-71					32		8,110	5.18	420						
601434	LI8ERATORS 8ASILEUS RDYALIST..		*		4	4	2-12,13	12	1.3	9,562	5.10	488	45	31	-20	+.01	0	-1
09-21-63	564125	1990972	5-71					23		9,715	5.06	492						
601442	POSING 8EACDN ACME.....		*		2	9	2-34,74	11	1.6	7,287	5.10	372	50	23	-98	+.01	-4	-6
10-22-60	010126125	010277071	5-71					12		7,599	5.12	389						
601461	U K ZINNIA SIR MILESTDNE.....				2	5	1-61	10	1.6	11,762	5.18	609	22	27	+430	+.05	+26	+33
01-04-64	595550	2200555	1-71					34		10,295	5.04	519						
601462	U K SIR KELVIN MILESTDNE.....		*		3	7	1-61	15	1.7	9,485	4.79	454	27	32	-123	-.07	-12	-13
01-08-64	595550	2389189	5-71					32		9,982	5.01	500						
601481	FASHION DESIGN OF 8ERRY HILL..		*		2	11	1-52	13	1.2	8,625	5.03	434	**	22	-100	-.03	-8	-9
09-30-63	595354	2456080	5-71					6		9,121	5.27	481						
601507	FAVDRITE GIPSY 8DY.....		*		1	11	1-51	11	1.1	7,508	4.93	370	**	19	-162	-.01	-9	-12
07-02-63	579699	2175974	5-71					16		8,330	5.05	421						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
601516 GOLDEN JESTER ROYAL.....*		6	2	2-41,42	10	1.5	8,058	4.78	385	13	33	-83	-.06	-9	-10
09-18-63 565303 2436023 9-70					12		8,257	5.00	413						
601580 STARDUST BROWNYS NANCE DREAMER*		2	16	1-93	18	1.3	9,592	5.14	493	7	23	-55	+.02	-1	-2
02-02-64 556479 2503171 5-71					22		9,939	5.11	508						
601584 BRIGHTEYES KINGSTON.....*		3	42	1-43	56	2.0	8,307	4.86	404	2	33	-113	.00	-6	-8
08-17-62 590013 2133483 5-71					21		8,624	4.89	422						
601594 BARONET MILKMAID DREAM BOY....		1	14	1-35	14	1.7	9,165	5.23	479	23	22	-7	+.04	+3	+2
02-20-64 560800 2313080 5-71					23		9,241	5.09	470						
601609 RADAR LYNN CRESENT.....*		1	16	1-93	16	1.2	9,734	4.93	480	20	21	-79	+.03	-1	-3
01-03-64 595497 2462777 5-71					20		10,258	4.82	494						
601624 WILABEAU REX ANNAMAYS PEORO...*		1	14	1-91	14	1.6	10,333	5.15	532	14	22	+67	+.03	+6	+7
06-26-63 505078 2045406 1-71					12		10,164	5.02	510						
601625 SIR UPLAND KNIGHT.....		1	21	1-13	21	1.5	9,934	4.65	462	11	24	+196	-.03	+7	+11
01-25-64 557682 2355437 5-71					7		9,126	4.71	430						
601659 EPICS FAVORITE COMMANDO.....*		2	20	1-72	30	1.3	7,226	4.41	319	0	30	-366	-.02	-20	-26
11-12-63 588835 2114743 5-71					74		8,403	4.55	382						
601655 JESTER KENTUCKY COLONEL.....*		1	11	1-61	11	1.2	7,938	5.10	405	10	19	-141	+.07	-1	-4
04-25-64 534585 1814248 5-71					20		8,660	4.77	413						
601682 GRANO MANNER.....*	51-02	15	4	10-16,23,	36	1.4	7,625	5.13	391	12	60	-984	-.02	-51	-68
01-07-64 581485 2143745 5-71				31,32,51	14		9,325	5.17	482						
601684 SECRET TORONO OWL.....*		1	12	1-14	12	1.6	10,855	5.47	594	33	21	-37	+.07	+4	+2
03-16-64 497574 1685088 5-71					82		11,274	5.25	592						
601727 JEANIE SLEEPER.....*	31-02	44	3	9-31,43,	92	1.3	8,625	5.08	438	24	79	-121	+.02	-4	-6
12-20-63 534585 2181569 5-71				51,58,63	20		8,772	5.06	444						
601744 BELMONT JESTER JACK.....*		1	15	1-34	15	1.2	8,179	5.09	416	15	21	-226	.00	-11	-15
02-01-64 590936 2092707 1-71					6		9,323	5.12	477						
601745 ITASKA RULER BASIL.....*		1	15	1-65	15	1.5	7,415	4.90	363	25	22	-179	.00	-9	-12
12-11-63 581485 2309269 5-71					15		8,158	4.98	406						
601747 TRISTRAM COMMANDO RECORDS.....*		3	5	1-63	12	1.2	6,238	5.43	339	20	28	-645	+.04	-29	-41
08-09-63 591927 2328794 5-71					15		8,485	5.26	446						
601753 EVANGELIST TRISTRAM GEM.....*		4	5	3-23,54,	14	1.8	9,038	4.64	419	0	36	-82	-.08	-11	-11
01-28-64 592538 2206222 5-71				56	31		9,315	4.87	454						
601755 STANDARD PIERRE.....*		2	14	1-91	16	1.3	7,836	5.10	400	27	23	-300	-.03	-18	-23
09-16-62 582370 2356089 5-71					9		9,202	5.31	489						
601763 COMMANDER TOREADOR.....*		3	11	3-21,31,	15	1.3	8,999	5.07	456	0	24	-82	-.01	-5	-6
02-10-64 596588 2317190 5-71				35	28		9,397	5.15	484						
601807 AMBASSADORS HOBBY.....*		2	16	1-34	18	1.2	7,574	5.19	393	50	23	-180	+.02	-7	-10
10-28-62 575184 2275196 9-70					51		8,316	5.11	425						
601814 MILESTONE MAIDEN FAVOR.....*		2	7	2-65,74	12	1.3	8,665	4.67	405	27	27	-192	-.05	-14	-17
12-25-63 563805 2175807 5-71					32		9,448	4.89	462						
601818 MYRTLE VALE SUPREME MAGIC.....*	91-13	17	3	6-35,41,	29	1.5	9,378	5.19	487	15	56	-219	+.05	-7	-11
06-06-63 556095 1899322 5-71				87,91,92	24		9,876	5.14	508						
601826 GOLDEN ADVANCER COMBINATION...		2	10	1-31	12	1.3	7,524	5.42	408	18	22	-206	+.04	-7	-11
09-20-63 583171 2434873 5-71					26		8,437	5.29	446						
601830 TRINITYS TORONO DESIGN.....*		2	13	1-56	15	2.0	11,038	5.13	566	8	26	+180	-.02	+7	+10
07-07-63 497574 1814034 5-71					98		10,510	5.24	551						
601831 BASIL JESTER BINOLE.....		1	11	1-32	11	1.2	8,938	5.07	453	9	19	-133	+.06	-1	-4
08-21-63 528332 2413574 5-71					20		9,729	4.78	465						
601846 OUR MILESTONE FASHION MAN.....		1	18	1-74	18	1.1	8,874	4.35	386	0	21	+51	-.06	-3	-1
01-29-64 563805 2475912 5-71					27		8,609	4.63	399						
601852 DORBROOKS FAVORITE RINGMAN....*	23-13	40	2	7-11,13,	64	1.5	9,639	5.31	512	12	76	+291	+.22	+35	+37
07-11-63 580702 2224561 5-71				14,21,23	20		9,303	5.04	469						
601863 LIBERATORS STANDARD PINN.....		1	40	1-35	40	1.7	8,667	5.19	450	13	26	+193	-.01	+9	+12
12-09-63 595116 2192454 5-71					39		7,829	5.29	414						
601882 H.L. POMPEY AGENT.....*		2	24	1-31	42	1.9	11,136	5.53	616	15	38	+171	+.08	+16	+18
07-18-63 572331 2365856 5-71					10		10,884	5.40	588						
601883 H.L. POMPEY MORGAN.....	35-21	3	16	1-42	36	1.9	11,086	5.15	571	6	42	+482	+.01	+25	+33
09-07-63 572331 2214618 5-71					24		10,055	5.15	518						
601902 MARLU MILADY GALAXY.....*	31-02	37	2	10-31,34,	53	1.6	8,637	5.14	444	8	73	0	+.06	+5	+4
12-08-63 594407 2404305 5-71				51,54,72	18		8,615	5.06	436						
601908 TULIPS DESIGN.....*		1	14	1-31	14	1.3	7,957	5.01	399	14	21	-27	-.04	-5	-5
12-12-63 594108 2441528 5-71					33		8,005	5.33	427						
601922 FAIROALE MANNEQUIN LOLAS MILKM*		2	13	2-41,45	15	1.3	8,638	4.94	427	57	23	-125	+.03	-4	-7
09-20-63 577026 2340811 5-71					7		9,230	4.86	449						
601924 SUNBEAM VICTORIAN.....*		4	8	4-12,52,	15	1.3	8,637	4.93	426	25	29	-118	-.02	-8	-10
12-29-63 580237 2314523 5-71				55,56	80		9,076	5.07	460						
601933 ETTAS MASTER.....*		3	7	2-31,35	10	1.0	9,718	5.05	491	11	22	+212	-.06	+5	+10
06-24-64 553149 1631376 5-71					21		8,721	5.40	471						
601947 MARLU MILAD IMAGE.....*	91-13	66	3	14-35,41,	124	1.4	9,269	5.31	492	11	85	-230	+.20	+6	-1
10-27-63 589069 2195900 5-71				42,91,92	19		9,617	5.08	489						
601954 ETTA DESIGN CLINT.....*		1	13	1-32	13	1.5	6,695	5.39	361	50	22	-291	+.02	-13	-18
07-25-63 593537 2172765 5-71					15		7,966	5.31	423						
601975 ETTAS JOHNNYS SPARKLE SOUVENIR*		1	12	1-31	12	1.4	7,536	5.08	383	9	21	-193	+.02	-8	-12
02-18-64 593871 2225439 5-71					11		8,434	5.02	423						
602011 BEAUTYS RECORDS ADVANCER.....*		2	10	1-65	12	1.3	9,269	4.61	427	20	22	-47	-.02	-4	-5
04-23-64 553149 2330870 5-71					25		9,562	4.73	452						
602038 MILESTONE RADAR KINGPIN.....		1	11	1-42	11	1.3	5,496	5.37	295	36	20	-394	+.01	-19	-26
01-31-64 577026 2428415 5-71					4		7,375	5.33	393						
602040 MARLU MILAD WINSOME.....*		2	26	1-55	28	1.6	8,199	5.50	451	25	26	-348	+.10	-9	-17
09-30-63 589069 2299110 5-71					10		9,617	5.15	495						
602093 MARLU MILESTONE EMBER.....*		3	35	1-55	50	1.6	9,384	5.05	474	10	34	-14	+.01	0	0
07-09-64 563805 1968108 5-71					173		9,494	5.05	479						
602094 SPARKLE MILESTONE.....*		1	28	1-31	28	1.6	8,523	4.81	410	36	25	-36	-.02	-4	-4
01-24-63 563805 2361316 5-71					13		8,651	4.97	430						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
602095 SUPREME COMMANDO OF HIGHLAND..*		1	11	1-11	11	1.7	9,288	5.34	496	36	21	-65	+.07	+3	+1
04-22-64 592650 2330079 5-71					51		9,681	5.02	486						
602117 LASS MARLU TYCOON.....*		2	14	1-56	19	2.3	10,560	4.76	503	0	31	+447	-.06	+17	+26
11-16-62 553245 2299123 5-71					18		9,120	4.90	447						
602118 SUNSET LORD CHAMPION DIAMOND..		1	10	1-57	10	1.5	7,688	5.06	389	33	20	-324	.00	-16	-22
08-15-61 537666 2139956 1-71					52		9,380	5.07	476						
602125 MILESTONE BAS LAD.....*		2	9	1-72	15	1.2	8,106	4.50	365	0	27	-65	-.01	-4	-5
05-16-64 563805 2159506 5-71					77		8,296	4.53	376						
602155 TRADEMARK ROYAL VICTORY.....*		2	8	2-35,41	15	1.3	8,601	5.07	436	23	28	+108	-.03	+3	+5
06-03-63 585350 2316556 5-71					14		8,152	5.21	425						
602168 SIGNAL KARNAS VICTORY.....*		1	19	1-92	19	1.5	7,677	4.96	381	5	23	-47	-.01	-3	-4
09-22-63 575425 2186853 5-71					33		7,778	5.07	394						
602194 SLEEPER WONDER DIAMOND.....*		1	11	1-56	11	1.6	8,841	5.12	453	25	21	-13	+.01	0	0
10-24-63 534585 2356542 5-71					35		8,916	5.14	458						
602195 STARDUST BROWNYS TELSTAR.....*		2	27	1-93	31	1.3	10,769	5.16	556	26	26	-279	+.16	0	-7
04-03-64 556479 2288726 5-71					28		12,173	4.71	573						
602203 ROYAL LIBERATORS DANNY.....*		1	11	1-21	11	1.7	8,607	5.48	472	0	22	-243	+.13	-1	-7
01-19-64 564125 2372759 5-71					7		9,834	4.94	486						
602214 KATRINAS GRAMHIL MILESTONE....*		1	19	1-56	19	1.8	10,042	4.67	469	16	24	-132	+.03	-4	-7
01-26-64 563805 2327934 5-71					52		10,782	4.60	496						
602218 SEARCHLIGHTS SPARK.....*		3	18	1-92	23	1.7	10,169	5.06	515	9	29	-114	+.03	-3	-5
10-14-62 579780 1796088 5-71					33		10,757	5.02	540						
602223 ETTA COMMANDO ROYAL SLEEPER...*		7	8	4-31,32,	19	1.4	7,880	5.32	419	43	35	-100	+.07	+1	-2
01-01-62 596011 2293844 5-71				57,58	13		8,096	5.10	413						
602233 TEFFIAS GOLDEN JESTER.....*		1	10	1-43	10	1.2	6,799	5.38	366	50	19	-264	.00	-13	-18
10-10-63 583828 2036471 5-71					27		8,154	5.38	439						
602243 MARCELLUS FAVORITE TRISTRAM...*		2	6	2-61,63	11	1.3	6,172	5.62	347	**	27	-164	+.05	-4	-8
10-26-63 563813 2038956 5-71					31		6,568	5.45	358						
602245 WHITEHOLM SUPER8 DESIGN.....*		1	17	1-11	17	1.4	9,436	5.09	480	19	22	+1	+.02	+2	+2
01-20-64 553904 2322469 5-71					45		9,495	4.97	472						
602267 COMMANDO INDIAN FAY THOR.....*		1	12	1-21	12	2.3	7,746	5.40	418	17	24	-323	+.08	-9	-16
03-16-63 550331 2092166 5-71					39		9,156	5.07	464						
602281 DOUBLE ETTAS MILESTONE.....*		3	24	1-93	30	1.4	9,260	4.99	462	20	28	+5	-.01	-1	-1
08-22-63 563805 1895838 5-71					30		9,286	5.07	471						
602283 FAVORITE SECRET TRIUMPH.....*	21-10	52	3	8-11,12,	98	1.5	10,670	4.88	521	10	82	+674	-.18	+17	+32
06-14-64 563813 2117179 5-71				13,21,22	24		9,955	5.08	506						
602284 FAIR-WEATHER MERRY MASTER.....*		5	13	3-12,21,	22	1.9	9,279	5.68	527	0	33	-65	+.09	+5	+2
01-21-64 553904 1918035 5-71				58	86		9,549	5.46	521						
602287 MILESTONE TRISTRAM JOHN.....*		4	11	1-13	16	1.4	10,182	5.23	533	7	27	+205	-.02	+8	+12
12-11-63 563805 1995565 5-71					50		9,487	5.40	512						
602300 MISTY VALE HARVEST PRIDE.....*		3	10	1-21	14	1.4	9,776	5.02	491	21	25	-31	+.07	+5	+3
09-22-64 562315 2393200 5-71					19		10,021	4.73	474						
602320 MILESTONE LOUISE LIBERATOR....*	23-09	14	2	2-23,50	27	1.0	8,831	5.42	479	19	53	-315	+.20	+1	-7
05-31-64 563805 2093213 5-71					19		9,493	5.06	480						
602329 MILESTONE OF OGSTON.....*		2	12	1-22	14	1.2	11,277	5.03	567	7	22	+22	+.04	+5	+5
03-16-64 563805 2178460 5-71					70		11,437	4.86	556						
602339 CHAMPIONS CHALLENGER.....*		1	21	1-23	21	1.5	8,789	4.61	405	0	23	+123	-.08	-1	+2
12-01-63 582140 2371773 5-71					35		8,196	4.99	409						
602344 BLANTON LORD CHAMPION.....*		1	15	1-55	15	2.3	10,805	5.02	542	7	25	+60	+.02	+5	+6
01-16-64 537666 2066322 5-71					57		10,755	4.94	531						
602378 GIL-BAR ETTA BASILEUS.....*		3	15	1-35	20	1.4	8,323	5.30	441	10	27	-158	+.07	-2	-6
02-29-64 590777 2181453 5-71					15		8,916	5.07	452						
602380 GOLDEN ETTA MINT.....*		1	11	1-58	11	1.8	9,962	4.70	468	10	22	+50	-.03	0	+1
08-02-63 565141 2347983 5-71					34		9,830	4.80	472						
602400 ANSOM MILESTONE COUNT.....*		1	12	1-73	12	1.2	6,291	4.90	308	17	19	-525	+.04	-23	-33
02-15-64 597179 2290196 5-71					21		9,017	4.75	428						
602405 GOLDEN ETTA SLEEPERMAN.....*		4	14	2-31,32	26	1.4	9,233	5.12	473	4	34	-148	-.01	-8	-10
10-03-64 565141 2123927 5-71					21		9,769	5.17	505						
602419 TENN CONFIDENT H D D LAD.....		1	18	1-63	18	1.4	10,864	5.10	554	0	23	+232	-.01	+11	+15
07-21-64 549809 2376904 5-71					22		9,951	5.14	511						
602434 MILESTONE MEMENTO ANSOM.....*		3	29	1-74	33	2.1	9,914	5.34	529	8	29	+235	-.01	+11	+15
01-08-61 584285 2299124 5-71					43		9,125	5.44	496						
602458 DIXIES STAR DUSTAN.....*		2	17	1-33	19	1.3	6,845	5.13	351	26	24	-173	+.07	-3	-7
08-14-64 564812 1942836 5-71					20		7,438	4.84	360						
602459 MISTOVER FASHION GAMBOGE.....*		2	11	1-13	13	2.3	10,450	4.60	481	9	26	+50	-.10	-6	-4
10-03-61 567370 1976162 5-71					20		10,412	4.96	516						
602474 PRINCE B.J.A.....*		1	13	1-74	13	2.0	7,974	4.77	380	15	23	-175	+.01	-8	-11
11-15-62 528332 1631372 5-71					85		8,736	4.78	418						
602477 CHAMPIONS JEWEL ENVOY.....*		3	11	2-91,92	26	1.4	11,088	4.75	527	10	37	+338	-.13	+5	+13
06-02-62 519828 1604397 5-71					30		10,315	5.06	522						
602482 SLEEPING STAR KING.....*		10	5	7-31,35,	23	1.4	10,234	5.05	517	14	46	+237	+.06	+17	+20
09-28-64 591239 2365309 5-71				48,61,86	17		9,810	4.94	485						
602499 HEADSPRING HIGHLIGHT.....*		4	26	2-56,64	33	1.7	9,083	5.13	466	3	30	-297	-.01	-16	-21
10-01-63 563805 2248592 5-71					113		10,210	5.19	530						
602500 TRISTRAMS FAVORITE MOON.....*		1	10	1-14	10	1.3	9,893	5.07	502	0	19	+271	-.05	+9	+15
03-20-64 563813 2295083 5-71					24		8,434	5.41	456						
602517 SABLES SYBIL IRA.....*	21-10	9	2	1-21	14	1.4	10,561	4.87	514	14	40	+221	-.08	+4	+9
11-20-64 585348 2160709 5-71					23		10,135	5.05	512						
602556 MILESTONE GOLD LODESTAR.....*		5	3	3-12,14,	10	1.2	9,629	5.19	500	0	29	+93	+.02	+6	+7
05-03-64 563805 2065526 5-71				41	20		9,355	5.16	483						
602574 SPARKLE RING MAN SECRET.....*		3	9	2-21,56	13	1.4	11,417	4.76	543	0	25	+253	-.07	+6	+12
08-22-64 580702 2193865 5-71					31		10,561	5.01	529						
602577 ANSOM DESIGNING CONFIDENCE....*		3	11	2-55,56	15	1.7	9,616	5.20	500	7	27	-37	+.02	0	-1
06-01-63 592718 2068811 5-71					66		9,862	5.19	512						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
602583 BASIL JOHNNY SOUVENIR MILESTON*		4	5	3-23,31,	16	1.4	10,099	4.68	473	7	36	+236	-.11	+2	+8
02-19-64 563805 2374878 5-71				74	45		9,508	4.93	469						
602608 PEERLESS SPARKLING ROYALIST...*		1	16	1-14	16	1.6	9,237	5.23	483	0	23	+237	-.03	+9	+14
01-11-64 596406 2211043 5-71					21		8,115	5.48	445						
602620 G V MILESTONE ADVANCER FAITH..*		3	8	1-63	11	1.0	9,903	4.78	473	90	22	+79	+.01	+5	+6
06-01-64 596335 2326332 5-71					33		9,620	4.70	452						
602621 MILESTONE JOLLY SAM.....*		2	12	2-12,13	17	1.5	9,932	5.05	502	13	28	-26	+.01	0	-1
05-02-64 563805 2431723 5-71					29		10,161	5.05	513						
602625 H V ADVANCER ACTOR.....*		3	31	1-55	57	1.5	9,222	5.00	461	18	38	+53	-.03	0	+1
05-17-64 563813 2305892 5-71					156		9,109	5.07	462						
602636 ADVANCER SPARKLING VOL. BART..*	21-10	15	1	3-12,13,	17	1.8	10,942	4.89	535	6	51	+465	-.09	+15	+25
03-26-64 469101 2233394 5-71				21	22		10,157	5.05	513						
602647 OON HEAD RECORDS GEM.....*		5	6	1-74	20	1.5	7,271	4.61	335	7	40	-399	+.02	-18	-25
03-13-63 598187 010211434 5-71					70		8,211	4.57	375						
602650 MILESTONES BELLRINGER.....	93-16	6	4	4-86,91,	14	1.1	9,617	4.90	471	11	33	+14	-.03	-2	-1
05-10-64 563805 2035710 5-71				92,93	19		9,656	5.00	483						
602654 CONDUCTOR.....*	91-13	11	2	5-41,42,	17	1.1	8,987	5.12	460	18	44	-105	-.03	-8	-9
05-28-64 563805 2302871 5-71				43,48,92	15		9,271	5.23	485						
602656 MILESTONE BASIL GOLDEN.....*		2	18	1-63	20	1.5	8,488	5.00	424	28	25	-356	+.03	-15	-22
07-05-64 563805 1942645 5-71					30		10,041	4.93	495						
602657 MAYFIELD MILESTONE PROSPECTOR.*		1	13	1-31	13	1.2	10,762	4.59	494	0	20	+371	-.07	+12	+20
07-12-64 563805 2211839 5-71					30		8,932	4.88	436						
602658 MILESTONES GENERATOR.....*	35-75	9	23	4-41,52,	53	1.5	12,744	4.54	578	0	42	+1,242	-.19	+43	+68
09-03-64 563805 2147377 5-71				64,65	65		9,914	4.85	481						
602663 COUNT CURTIS LEADER.....*		1	13	1-21	13	1.3	8,529	4.53	386	22	21	+79	-.04	0	+2
01-15-64 567370 2223049 5-71					26		8,067	4.67	377						
602672 ROYALIST MYLADY FAVOR.....*		1	20	1-74	20	1.5	9,446	4.83	456	5	24	-93	+.02	-3	-5
01-19-64 563805 2237232 1-71					28		9,955	4.77	475						
602673 COMMANDO BIG BOY STANDARD.....*		2	12	1-74	14	1.2	8,611	4.29	369	29	22	-174	-.03	-11	-14
04-26-64 574191 2175835 5-71					23		9,466	4.43	419						
602693 BLYTHEDALE SYMBOL.....*		2	8	2-13,23	10	2.2	10,012	5.20	521	0	25	+121	+.01	+7	+9
08-11-63 598870 2068790 5-71					12		9,596	5.21	500						
602696 ADVANCER SLEEPING RADAR LORD..*		1	10	1-55	10	1.2	7,976	5.02	400	22	19	-58	+.03	0	-2
09-25-64 534585 2328721 5-71					24		8,230	4.90	403						
602697 SCHULTZ LIONS COURAGEOUS.....*		3	10	1-52	16	1.6	7,515	4.99	375	17	29	-302	.00	-15	-20
10-14-61 577328 1681207 5-71					15		8,513	5.02	427						
602714 WOODLAND MILESTONE DIAMOND....*		5	9	2-13,14	16	1.5	10,627	5.19	552	7	30	+46	+.01	+3	+4
02-05-64 563805 2360086 5-71					15		10,649	5.18	552						
602723 BEACON LINDALE ECHO.....*	31-02	166	10	31-31,34,	548	1.3	8,592	4.83	415	23	93	-362	-.13	-29	-33
12-01-58 559928 010162617 1-71				56,64,72	38		8,997	4.98	448						
602732 BARBARAS SLEEPER.....*		7	17	6-21,32,	51	1.2	8,777	5.01	440	10	44	-241	+.04	-9	-14
07-05-64 534585 1956106 5-71				48,63,64	30		9,378	4.97	466						
602752 OBSERVER H L DIPLOMAT.....*		3	10	2-13,14	14	1.6	9,702	5.49	533	14	26	-266	+.09	-6	-12
07-16-64 553236 2339881 5-71					75		10,928	5.25	574						
602754 SECRET BARONET.....*	31-02	19	7	6-31,32,	46	1.3	10,267	5.23	537	9	56	+701	+.01	+36	+48
09-14-64 497574 1786161 5-71				51,54,72	19		9,038	5.28	477						
602758 COMBINATION PRINCES EMPIRE....*		1	15	1-31	15	1.4	8,447	5.36	453	21	22	-130	+.03	-4	-7
03-19-64 588319 2321890 5-71					14		9,075	5.31	482						
602759 HETHERINGTON GOLDEN ETTA NOBLE		1	21	1-34	21	1.4	9,116	4.80	438	11	23	-272	-.14	-26	-29
06-28-64 565141 2161005 5-71					26		10,466	5.45	570						
602763 BOURBON IRMAS ICHABOD.....*		3	4	3-56,63,	11	1.3	6,819	4.87	332	**	29	-212	-.02	-12	-15
05-28-62 565719 1910981 9-70				65	73		7,411	5.01	371						
602784 SHADEWELL SECRET PAL.....*		2	13	1-12	15	1.5	11,040	5.12	565	8	24	+310	-.01	+15	+20
08-24-63 557682 2350553 5-71					22		9,843	5.17	509						
602795 MARLU MILESTONE PENNANT.....*	23-13	14	2	4-13,21,	24	1.1	8,979	5.22	469	17	51	-332	+.11	-7	-14
12-20-64 563805 1726397 5-71				22,23	19		9,712	5.04	489						
602799 JESTER BASIL HARRY.....*		2	9	1-31	11	2.3	7,047	5.82	410	10	25	-264	+.10	-5	-11
01-04-63 591348 2078451 5-71					30		8,020	5.39	432						
602810 OUART TRISTRAM DIABLO.....*		1	15	1-21	15	2.3	10,082	5.27	531	13	25	+148	.00	+7	+10
12-09-63 563813 2303822 5-71					34		9,556	5.32	508						
602811 OURAT ADVANCER MAYNARD.....*		1	18	1-21	18	1.8	8,962	5.28	473	11	24	-192	.00	-10	-13
02-21-64 576613 2327494 5-71					33		9,857	5.35	527						
602821 SLEEPER ADVANCER BEAUTY.....*		1	16	1-93	16	1.4	8,229	5.32	438	25	22	-134	+.08	0	-3
08-25-64 534585 2393648 5-71					110		8,843	4.99	441						
602827 BEACON SELECT.....		1	17	1-63	17	1.4	8,597	5.16	444	18	22	-57	+.03	0	-1
07-03-64 573071 2292119 5-71					38		8,861	5.07	449						
602834 JESTER FAVORITE JIM.....*		1	18	1-41	18	1.1	9,042	5.19	469	11	21	+19	+.02	+3	+3
10-20-64 576049 2169351 5-71					13		8,960	5.11	458						
602842 COMPETENT CHAMPION STEVE.....*		1	10	1-48	10	1.4	8,570	4.83	414	22	19	-13	-.02	-2	-2
02-15-64 571291 2507633 5-71					33		8,619	4.94	426						
602843 COMPETENT ADVANCER AIM VIRGIL.*		1	11	1-48	11	1.6	9,055	4.73	428	9	21	+145	-.06	+2	+5
02-20-64 563813 2305492 5-71					32		8,302	5.00	415						
602853 MILESTONE TRIUMPH SUPREME.....*		3	26	1-56	45	1.2	10,790	5.20	561	2	34	+165	-.03	+6	+9
02-16-64 563805 1963511 5-71					84		10,463	5.29	553						
602854 ANSOM SIGNAL PRINCE.....*		3	14	1-56	24	1.2	9,727	5.32	517	25	31	-146	+.04	-4	-7
07-30-64 592718 2068811 5-71					98		10,350	5.26	544						
602856 G H PEARL NOBLE.....*		5	5	2-13,14	11	1.0	10,443	5.13	536	33	26	+101	-.02	+3	+5
07-24-64 546137 2120894 5-71					22		10,189	5.23	533						
602882 JESTER J. EXCELSIOR.....*		1	12	1-63	12	1.2	5,917	5.29	313	25	19	-218	+.03	-8	-12
08-22-64 576049 2275861 5-71					51		6,847	5.11	350						
602895 SECRET SENTINEL SALUTE.....*		3	8	1-42	22	1.5	10,139	5.03	510	9	39	+16	-.04	-3	-2
08-26-64 497574 1975152 5-71					24		10,235	5.17	529						
602896 FAVORITE TRISTRAM ENVOY.....*		1	10	1-21	10	1.4	9,704	4.96	481	0	20	-141	+.05	-3	-6
09-17-64 563813 2365856 5-71					34		10,601	4.78	507						

REGISTRATION NUMBER NAME DF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	%	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
602903 ERGO.....*		1	11	1-84	11	1.5	8,414	4.79	403		9	20	-126	-.04	-10	-12
04-11-64 591495 2305066 5-71					51		9,059	5.04	457							
602916 C J F LIBERATORS ENVOY.....*		2	24	2-73,74	26	1.3	7,841	5.14	403		12	25	-325	+.03	-14	-20
01-07-65 564125 2140484 5-71					43		9,206	5.05	465							
602950 SOUND ETTA ADVANCER.....*		2	11	1-33	13	1.3	9,714	5.29	514		54	22	-95	+.05	0	-2
07-24-63 596502 2391126 5-71					11		10,287	5.08	523							
602953 KUNKELS M. NOBLE AIM.....*		1	12	1-73	12	1.6	8,101	4.86	394		0	21	-49	+.01	-2	-3
07-23-63 542372 2413850 5-71					18		8,281	4.87	403							
602962 HOLMES FARM SAMPSON.....*		2	9	1-12	11	1.1	10,684	4.95	529		0	21	+188	-.07	+3	+7
03-03-64 571911 2200304 5-71					15		9,870	5.30	523							
602968 MILESTONE ADVANCER EMBLEM.....*		3	15	2-31,63	23	1.5	8,520	5.33	454		23	31	+138	+.06	+12	+14
02-18-64 563805 2201539 5-71					26		7,983	5.17	413							
602971 TRISTRAM DESIGN DELIGHT DUKE..*		3	11	1-21	15	1.3	7,659	5.05	387		7	24	-274	+.02	-12	-17
09-27-64 563813 2025204 5-71					35		8,782	5.02	441							
602984 AMBASSADORS BARNEY.....*		2	27	1-63	29	1.0	8,602	5.01	431		0	23	+100	+.01	+6	+8
12-04-63 575184 2402946 5-71					7		8,095	4.97	402							
602987 BEAUTYS BASIL.....*		3	22	3-56,64,	26	1.0	7,571	4.72	357		46	24	-205	+.01	-9	-13
03-02-64 553149 2235253 5-71				72	47		8,373	4.68	392							
602993 PLATTEKILL TINY CASTOR.....		1	10	1-21	10	2.9	8,884	5.01	445		10	24	+122	-.03	+3	+6
12-17-61 588834 1773557 5-71					13		8,315	5.17	430							
602995 SIGNAL OBSERVER LOUIS.....		3	13	1-91	18	1.6	10,221	4.92	503		0	28	+48	-.03	0	+1
10-18-60 553236 2280011 5-71					17		10,181	5.01	510							
603008 GOLDEN ETTA STAR COMMANDO.....		3	10	1-58	22	2.0	9,207	4.64	427		0	38	-15	-.03	-3	-3
11-22-62 565141 2016194 5-71					46		9,294	4.69	436							
603029 TENN CONFIDENT H D A LAD.....*	63-03	2	7	1-63	10	1.3	11,481	4.94	567		20	23	-11	+.02	+1	+1
07-06-64 549809 2330329 5-71					59		11,832	4.87	576							
603032 WALNUT SLEEPING JESTER.....*		1	11	1-31	11	1.3	10,307	4.23	436		9	20	+420	-.13.	+9	+18
07-24-64 590317 2066252 5-71					26		8,078	4.78	386							
603043 ZINNIAS ADVANCER COMMANDO.....*		1	16	1-93	16	1.8	9,138	5.01	458		**	24	-54	.00	-3	-4
09-15-62 556092 1796895 5-71					34		9,429	5.06	477							
603044 JESTERMANS JOLLY PLAYBOY.....*		3	16	1-92	33	1.3	11,234	5.13	576		18	37	+203	-.02	+8	+12
07-23-64 591673 2387975 5-71					15		10,883	5.22	568							
603072 HEADSPRING SPARKLE.....*	61-02	7	2	3-31,61,	10	1.0	8,355	5.18	433		20	31	-82	+.05	0	-2
11-29-64 575184 2248592 5-71				74	38		8,598	5.04	433							
603091 INTENSIFIERS KING SUNNY.....*		1	10	1-93	10	1.1	9,635	4.80	462		40	18	-83	-.01	-5	-6
11-22-61 585679 2295031 5-71					23		10,237	4.86	498							
603095 REFSKILS ADVANCER JOLLY.....*		4	6	1-92	11	1.2	10,514	4.57	480		22	25	+183	-.10	0	+5
07-08-64 595483 2459394 5-71					23		9,890	4.90	485							
603100 JERSEY ACRES JESTER.....*		2	5	1-23	10	2.9	9,115	5.12	467		10	31	+56	.00	+3	+4
07-19-63 555208 2174828 5-71					23		8,942	5.13	459							
603102 MILADS MILESTONE TOPPER.....*		4	5	1-34	11	1.0	7,196	5.53	398		**	26	-319	+.06	-11	-17
06-08-64 589069 2341881 5-71					16		8,395	5.29	444							
603106 CHIEF CHEROKEE.....*		4	4	1-64	11	1.4	8,141	4.79	390		22	30	-449	+.01	-22	-30
09-11-64 575184 2499924 5-71					61		9,723	4.81	468							
603109 BEAUTYS SLEEPING B.....*	61-02	6	3	2-57,63	16	1.8	10,536	5.15	543		0	43	+449	+.08	+30	+37
11-17-64 553149 2347152 5-71					14		9,551	4.99	477							
603157 HETHERINGTON GOLD ETTA COMMAND*		2	11	2-35,42	14	1.3	7,978	5.38	429		7	24	-57	+.04	+1	-1
08-20-64 565141 2246294 5-71					6		8,149	5.22	425							
603166 PRUDENT DECISION.....*	35-21	4	19	1-42	25	1.4	9,052	4.96	449		16	28	+178	-.08	+2	+6
08-07-64 563805 2159502 5-71					26		8,357	5.27	440							
603168 BEACONS BUTTER BOY.....*		4	4	1-31	10	1.0	6,992	5.23	366		50	25	-533	+.06	-22	-32
09-17-64 564158 2032589 5-71					16		9,131	5.03	459							
603178 BUTTERCUPS MARLU MILKMAN JOHN.		2	15	1-21	17	1.4	5,218	5.40	282		13	24	-491	+.10	-16	-26
03-08-61 550331 1785470 5-71					12		7,113	4.82	343							
603192 FAIRVIEW SABLES MOUNTAINEER...*		3	14	1-54	22	1.7	10,181	5.09	518		10	32	-44	+.04	+1	0
01-13-64 556063 1918478 5-71					19		10,485	5.00	524							
603199 VICTORY ROYAL ADVANCER.....*		1	10	1-48	10	1.2	10,523	5.08	535		0	19	+219	.00	+11	+15
07-02-64 594030 2316556 5-71					18		9,403	5.09	479							
603200 SABLELUAS SUPREME VICTORY.....*		2	13	1-92	15	1.0	10,249	5.07	520		21	21	+23	-.01	0	+1
08-31-64 571911 2316553 5-71					70		10,284	5.13	528							
603201 LADS SPORTING KNIGHT.....*		1	11	1-93	11	1.3	11,099	5.41	601		9	20	+97	+.05	+9	+10
10-01-64 592732 2453533 5-71					38		10,796	5.28	570							
603219 ALTA SUN DANCER PONCHO.....		1	12	1-93	12	1.0	8,237	5.16	425		25	19	-233	+.07	-6	-11
08-07-64 585397 2220376 5-71					128		9,568	4.88	467							
603225 SABLES MILADY SPARK.....*		1	12	1-81	12	3.2	9,179	5.12	470		0	26	+22	-.01	0	+1
12-22-61 589000 2299444 5-71					5		9,121	5.17	472							
603251 SLEEPING BASIL.....*		3	4	2-42,57	11	1.0	7,290	5.21	380		27	28	-213	+.01	-10	-14
11-05-64 534585 2306287 5-71					46		7,978	5.23	417							
603283 ANSOM STYLIST NELSON.....*		2	15	1-23	19	1.6	8,451	5.27	445		21	27	-143	+.06	-2	-5
06-24-64 594407 2435834 5-71					26		9,008	5.06	456							
603289 PIXYS KEYSTONE.....*		4	10	2-35,47	15	1.3	11,416	4.98	568		7	27	+92	-.02	+3	+5
07-29-64 563805 1968775 5-71					25		11,317	5.03	569							
603327 GLADYS SECRET SAGE.....*		2	16	1-23	20	1.5	10,306	5.23	539		10	26	+196	+.07	+16	+18
10-01-64 591297 2372174 5-71					9		9,631	4.99	481							
603335 CHAMPIONS DOUBLE CURLEY LADDIE*		1	14	1-82	14	1.4	10,643	5.37	572		8	21	-86	+.04	-1	-3
04-26-64 577237 2226105 5-71					16		11,294	5.28	596							
603345 Y-BROOK SPARKLING DASHER.....*		2	10	1-23	12	1.3	8,368	4.97	416		17	22	-272	+.05	-9	-15
11-03-64 599309 2459340 5-71					10		9,714	4.80	466							
603346 JESTER INFRED SCOTTY.....*	61-02	12	3	4-31,33,	25	1.3	9,743	5.03	490		16	52	+164	+.02	+10	+13
12-05-64 549809 2272450 5-71				61,74	25		9,491	4.99	474							
603385 TRISTRAM MUSIC MAN.....*		3	10	1-41	19	1.3	8,509	5.01	426		11	30	+26	-.01	0	+1
07-07-64 584259 2157447 5-71					12		8,377	5.06	424							
603387 FAIR-WEATHER RAJAH.....*		5	15	3-14,21,	25	1.7	10,454	5.44	569		9	33	+277	+.01	+15	+20
07-20-64 593920 2060989 5-71				56	94		9,698	5.49	532							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... OAUS HM/OAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
603402 SAND HILL GOLDEN BOY.....*		2	12	1-56	17	1.0	9,186	5.29	486		29	25	+17	-.01	0	0
11-11-64 574676 2066766 1-71					45		9,146	5.38	492							
603406 LIBERATORS DUKE.....*		5	10	3-47,84,	26	1.2	9,236	5.25	485		17	37	-274	+.07	-8	-14
04-03-64 564125 2166445 5-71				88	40		10,111	5.10	516							
603437 ROYAL NOBLE MONARCH.....*		2	10	2-41,58	12	1.2	9,838	5.24	516		36	21	-39	-.02	-4	-4
01-31-65 546137 2325264 5-71					26		10,158	5.39	548							
603459 TENN MAY H E A LAD.....		1	20	1-65	20	1.4	9,099	5.18	471		25	23	+91	+.02	+6	+7
08-24-64 563955 2145497 1-71					10		8,680	5.15	447							
603463 U K CHERRY KELVIN.....*	61-02	8	2	3-31,57,	12	1.0	10,288	5.29	544		17	34	+253	+.09	+21	+24
04-05-65 546137 2389189 5-71				61	37		9,621	5.07	488							
603537 MILADY MAIOEN FAVOR.....*		3	5	2-65,74	11	1.2	8,995	4.85	436		9	26	-204	-.02	-12	-15
12-07-64 563805 2175807 5-71					62		9,875	4.96	490							
603548 BILTMORE BEAUTY BEACON.....*		3	39	1-55	46	1.3	10,113	5.04	510		22	28	+183	+.01	+10	+13
10-27-64 553149 2348400 5-71					180		9,523	5.03	479							
603553 ROSETTES COMMANOO OF P.H.F....*		2	8	1-11	10	1.4	11,479	5.17	594		10	22	+133	+.03	+9	+11
11-04-64 556063 2336007 5-71					28		11,085	5.10	565							
603572 CERES ROYAL SIGNAL.....*		1	11	1-33	11	1.2	7,463	4.96	370		25	19	-114	-.01	-7	-9
10-29-63 585431 2274599 5-71					5		7,979	5.14	410							
603612 VALIANT ETTAS B.G.8.....*		1	22	1-32	22	1.3	8,026	4.98	400		30	23	+118	-.04	+2	+5
08-31-64 595732 2469046 5-71					19		7,362	5.24	386							
603614 SECRET SUPREME.....*		1	12	1-43	12	1.3	10,057	4.68	471		25	20	+70	-.03	+1	+3
10-08-64 596335 2395842 5-71					24		9,806	4.78	469							
603618 OLO-HUNOREO.....*		2	7	2-21,56	10	1.9	10,422	5.12	534		0	26	-49	+.05	+2	0
02-22-61 537666 2126052 1-71					38		10,815	4.96	536							
603623 CHAMPION HOBO TEST.....*		2	10	1-21	12	1.3	9,670	5.12	495		0	22	+15	+.05	+5	+5
08-23-64 553904 2394937 1-71					22		9,686	4.89	474							
603631 TORONO MARLU PRINCE.....*		2	25	2-55,56	27	1.3	11,203	5.26	589		4	25	+221	+.01	+12	+16
12-11-64 571911 2445789 5-71					55		10,466	5.27	552							
603707 SIXTH-LAOYSMAN.....*		2	7	1-33	13	1.2	9,800	5.07	497		8	27	+52	-.03	0	+1
07-01-63 586263 2488424 5-71					12		9,689	5.18	502							
603710 CERES LADYSMAN.....*		2	13	2-33,42	15	1.5	8,059	5.73	462		13	24	-196	+.03	-7	-11
01-13-64 585431 2372961 5-71					22		8,894	5.62	500							
603711 CERES ROYAL BEACON.....*		4	8	2-33,84	14	1.3	6,994	4.73	331		36	28	-394	-.03	-22	-28
02-17-64 585431 2461206 5-71					27		8,350	4.92	411							
603721 SUNNYHILL PANSYS REPORT.....*		1	10	1-21	10	1.8	8,696	4.89	425		30	21	-196	+.02	-8	-12
09-08-63 580371 2293996 5-71					24		9,727	4.85	472							
603722 BROAOVALE FASHION SIR ECHO....*		1	12	1-11	12	1.2	9,580	4.86	466		25	19	-17	-.01	-2	-2
11-08-64 571911 2593680 5-71					17		9,762	4.97	485							
603767 CONFIOENT JEWELER.....*	61-02	8	2	4-31,33,	13	1.2	9,926	5.03	499		38	37	+192	.00	+10	+13
02-15-65 549809 2242462 5-71				57,61	43		9,472	5.03	476							
603775 AOVANCER SLEEPING BASIL.....*		1	14	1-34	14	1.3	9,617	5.03	484		0	21	+49	+.04	+6	+6
11-12-64 534585 2441119 5-71					27		9,441	4.83	456							
603800 SABLE CHAMPION SIGNAL.....*		1	11	1-23	11	2.0	9,478	5.21	494		20	22	-76	+.08	+3	+1
12-30-62 585904 2137717 1-71					50		9,932	4.90	487							
603834 FLOWER ORUM SONG.....*		3	7	2-35,42	10	1.5	7,572	4.97	376		25	24	-289	-.03	-17	-22
08-29-63 589636 2119779 5-71					33		8,777	5.15	452							
603862 ELMS GIPSY TYCOON.....*		1	14	1-21	14	1.1	6,706	4.95	332		63	20	-98	.00	-5	-7
11-06-63 553245 2482399 9-70					17		7,017	5.03	353							
603869 STARDUST ITASKA DESIGNER A....	91-13	10	1	3-41,91,	11	1.0	10,904	4.65	507		9	35	+143	-.14	-5	0
04-30-65 585423 2288726 5-71				92	24		10,680	4.98	532							
603896 CYCLONE OF RIVERDALE.....*		1	29	1-23	29	1.6	10,327	4.85	501		4	25	+121	-.06	+1	+4
04-10-64 563813 2408670 5-71					24		9,949	5.07	504							
603911 FAIRVIEW JESTERS GOLD.....*		1	11	1-54	11	1.6	7,875	5.41	426		18	21	-302	+.07	-9	-15
07-01-64 528332 2284018 5-71					13		9,401	5.07	477							
603977 BELVIOERE AOVANCER SNOWMAN....*		2	21	1-91	23	1.2	9,827	5.59	549		30	24	-274	+.10	-5	-11
06-27-64 571913 2278734 5-71					25		11,219	5.23	587							
603988 FASHION MARLU KING.....		1	10	1-31	10	1.4	8,807	5.06	446		20	20	0	+.05	+4	+3
10-22-64 567370 2557048 5-71					20		8,801	4.78	421							
604013 SOUNO VICTOR.....*		4	6	4-32,34,	12	1.4	8,538	4.68	400		60	28	+7	-.05	-4	-3
07-01-63 596502 2244655 5-71				42,55	24		8,477	4.90	415							
604054 BELLS SPARKLE FOX.....*		1	14	1-65	14	1.0	8,856	4.42	391		0	19	+136	-.05	+2	+5
12-16-62 520485 2327236 5-71					83		8,075	4.63	374							
604055 MILAOYS JILL COMMANOO.....*		1	13	1-65	13	1.2	9,937	4.87	484		0	20	-38	+.01	-1	-2
04-10-63 577134 2106401 5-71					21		10,278	4.84	497							
604072 8EAUTYS MASTER STANOARO.....*		7	7	3-32,57,	20	1.2	8,516	4.71	401		58	36	+57	-.04	-1	+1
07-26-64 553149 1925522 5-71				61	21		8,303	4.84	402							
604086 HEAOSPRING GALLANT.....*		1	23	1-56	23	1.4	11,449	5.00	572		5	23	+265	-.06	+8	+14
05-02-64 563805 2380278 5-71					118		10,475	5.22	547							
604101 MILESTONE REGENT PAT.....*		2	7	1-65	12	1.3	8,455	4.98	421		25	26	-65	-.01	-4	-5
07-30-64 563805 2148210 5-71					37		8,691	5.05	439							
604102 MARLU STYLIST 8EACON.....*	23-09	24	3	6-23,31,	48	1.1	8,865	4.90	434		21	67	-304	-.11	-25	-29
04-21-65 589136 2147381 5-71				50,52,58	22		9,374	5.08	476							
604141 8EACON BAS MILESTONE 8EAU.....*		4	4	3-31,34,	11	1.0	10,231	4.75	486		18	28	-79	-.06	-9	-10
04-07-65 573071 2487805 5-71				63	35		10,704	4.95	530							
604150 SUNSET PROMOTER TRIPPER.....*		2	8	1-57	10	1.7	9,092	5.14	467		0	23	-45	+.03	0	-1
11-18-61 554146 2218520 1-71					48		9,344	5.10	477							
604152 WILO SHAMROCK MILESTONE.....*		13	3	7-11,12,	20	1.4	9,293	5.09	473		33	47	-336	+.07	-11	-18
01-10-64 563805 2477846 5-71				13,14,21	20		10,137	4.98	505							
604160 ECHO LINDALE OIVIDEND.....*		2	12	1-48	14	1.3	9,832	5.12	503		0	23	+56	+.01	+4	+5
09-30-64 602723 010349928 5-71					20		9,664	5.08	491							
604166 SABLE LITMA KOOIAK.....*		2	5	1-34	10	1.9	9,024	5.84	527		0	29	+163	+.11	+18	+19
04-27-64 556063 2410134 5-71					44		8,409	5.57	468							
604181 BEACON FORTUNE OF BASIL.....*		1	10	1-21	10	1.0	9,920	5.58	554		0	18	+132	+.04	+10	+12
04-20-65 574261 2105815 1-71					36		9,210	5.44	501							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HD	STATES ND- WITH MOST DAUS	DAUGHTERS AND HERDMATES DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
604183 MARLU STYLIST WARRIOR.....*		1	18	1-71	18	1.1	7,495	4.86	364	6	21		-123	+.01	-5	-7
09-03-64 600002 2274261 5-71					16		8,011	4.82	386							
604187 MIDWEST RULER.....*		1	19	1-43	19	1.2	8,619	4.88	421	11	22		-6	-.04	-4	-3
10-01-64 581485 2198345 5-71					21		8,627	5.14	443							
604301 ACTORS FASHION LEADER.....		1	11	1-82	11	1.9	12,221	5.27	644	0	22		+570	+.02	+30	+40
08-16-63 567370 2277225 5-71					13		9,742	5.28	514							
604309 SECRET REPORTER.....*		1	10	1-65	10	1.3	10,292	5.09	524	0	19		+162	+.04	+12	+14
03-17-65 497574 2315011 5-71					15		9,508	4.90	466							
604310 HIGH LAWN VIKING.....*		2	7	1-88	14	1.1	10,932	4.88	533	8	28		-264	-.02	-15	-19
04-13-65 598752 2518398 5-71					30		12,213	4.95	605							
604343 SPLENDOR PROMOTER WINSTON.....		2	9	1-42	11	1.4	12,096	4.76	576	9	22		+413	-.10	+11	+20
01-30-65 559151 2442194 1-71					38		10,362	5.18	537							
604361 BEAUTYS GOLDEN RECORDS.....*		1	11	1-64	11	1.0	10,109	4.41	446	0	18		-10	-.06	-6	-5
05-25-64 553149 2455313 5-71					22		10,314	4.75	490							
604371 KELLOGGS JUPITER DIAMOND.....*		1	13	1-31	13	1.5	6,981	5.33	372	23	22		-331	+.01	-16	-22
08-12-63 551357 1749450 5-71					52		8,489	5.31	451							
604427 J.F.D. EMPIRE.....*	61-02	5	32	5-21,22,	46	1.1	11,166	5.02	560	9	30		+400	+.04	+24	+30
08-19-64 563805 2231590 5-71				63,73,74	61		9,935	4.86	483							
604434 SYBIL OWL EDWARD.....*		3	6	2-12,14	12	1.6	11,175	4.90	548	25	30		+257	-.10	+4	+10
03-20-64 528498 2169419 5-71					27		10,482	5.20	545							
604440 COMBINATION MARLUS DESIGN.....*		1	13	1-34	13	1.0	6,696	5.08	340	30	19		-228	-.01	-12	-16
10-15-64 600287 2409295 5-71					18		7,798	5.16	402							
604485 SUPREME JEWEL JASON.....*		2	9	1-91	11	1.7	9,644	5.35	516	27	24		-96	+.04	-1	-3
11-11-63 556095 1663105 5-71					20		10,185	5.23	533							
604486 LILLIAN SUPER8 BALDY.....*		2	8	1-91	10	1.4	9,072	5.19	471	30	22		-166	-.01	-9	-12
01-15-64 553904 2477063 1-71					20		9,960	5.27	525							
604532 THEDAS DREAMBOY OF ELMVIEW....*		1	10	1-23	10	1.2	10,361	4.91	509	0	19		+172	-.01	+8	+11
10-01-64 560800 2240213 9-70					40		9,502	4.94	469							
604578 KEEPERS AMBASSADOR O S.F.....*		9	2	3-87,88,	14	1.1	9,042	5.14	465	8	39		-166	+.08	-1	-5
04-14-65 585748 2498564 5-71				93	28		9,541	4.97	474							
604585 POCANTICO BLONDE RDGER.....		1	10	1-13	10	1.5	8,934	5.28	472	10	20		-212	+.06	-5	-10
10-03-64 572375 2240113 5-71					25		10,125	5.03	509							
604607 HEADSPRING SLEEPING GOLIATH...*	61-02	9	1	3-31,61,	10	1.0	7,675	5.13	394	30	33		-307	+.03	-13	-19
03-11-65 534585 2050922 5-71				85	27		8,594	5.07	436							
604623 PIXYS FANCY VOYAGER.....*	21-10	26	1	8-11,12,	30	1.0	9,216	5.06	466	13	59		-289	+.03	-12	-17
01-26-65 566892 2269967 5-71				13,22,23	24		9,806	5.03	493							
604654 AMBASSADOR TIDY VICTOR.....		1	13	1-31	13	1.5	7,907	5.43	429	17	22		-174	+.03	-6	-9
10-17-64 575184 2178865 5-71					50		8,702	5.30	461							
604656 MARLU MILAD PERFECTION.....		4	11	2-41,42	18	1.4	8,448	5.22	441	35	29		-66	+.03	-1	-3
11-04-64 589069 2320879 5-71					27		8,663	5.18	449							
604661 GOLDEN RIDGE SPARKLING ELMER..*		1	17	1-11	17	1.1	10,212	4.65	475	18	21		+96	-.05	0	+2
02-16-65 598929 2174175 5-71					21		9,844	4.89	481							
604742 BASIL SUPREME COMMAND.....*		3	5	1-92	14	1.4	10,038	5.08	510	15	33		-139	-.01	-8	-10
02-26-65 556095 2477394 5-71					12		10,644	5.15	548							
604743 JESTERMANS STANDARD BASIL.....	91-13	20	2	4-41,91,	31	1.0	10,468	5.34	559	3	58		-41	+.14	+10	+7
03-06-65 561469 2005284 5-71				92,93	25		10,727	5.15	552							
604763 CHEES BEACON BASIL.....*		1	23	1-64	23	1.8	8,063	4.80	387	18	25		-171	-.01	-9	-12
08-01-63 594201 2251757 5-71					45		8,727	4.86	424							
604774 GOLDEN TOREADOR.....*		2	13	1-34	15	1.0	9,502	4.68	445	13	21		+235	-.10	+3	+9
03-21-65 594846 2535256 5-71					18		8,341	5.17	431							
604787 BURCHFIELD MARIGOLDS MILKMAN..*		2	13	1-65	15	1.1	10,278	4.79	492	0	22		+265	-.01	+12	+17
01-25-64 571246 2214220 5-71					39		9,074	4.83	438							
604789 MILK BOYS JEWEL.....		2	31	1-86	59	1.5	9,517	4.78	455	25	39		+57	-.02	+1	+2
02-16-64 601287 2537927 5-71					67		9,427	4.81	453							
604804 MARLU TEMPO.....*	33-03	26	2	20-23,31,	43	1.0	8,995	4.92	443	19	64		-258	-.06	-18	-22
08-30-65 589069 2290033 5-71				41,47,84	30		9,459	5.03	476							
604808 CARTAGENA ADVANCER PATRICK....*		1	14	1-92	14	2.4	11,344	5.06	574	0	25		+233	-.02	+10	+14
03-17-60 559861 2077244 5-71					46		10,571	5.15	544							
604819 DUART TRISTRAM MASTER.....*		1	10	1-21	10	1.3	9,784	5.70	558	10	19		+19	+.08	+8	+7
03-27-65 563813 2330472 5-71					38		9,777	5.35	523							
604831 BROWNLANE EQUITYS ELITE.....*		1	12	1-11	12	1.0	7,243	5.15	373	58	19		-393	+.03	-17	-24
08-25-65 010131085 010369443 5-71					21		9,417	4.99	470							
604866 PIXYS MILESTONE FABULOUS.....		1	11	1-35	11	1.0	10,973	4.86	533	36	18		+9	-.01	0	0
06-28-65 563805 2358525 5-71					8		11,152	4.92	549							
604891 FERRYLAND COMMANDO SATELLITE..		1	12	1-92	12	2.5	9,205	5.39	496	9	24		+21	+.08	+8	+7
08-19-62 550331 2386280 5-71					16		9,144	5.09	465							
604918 ALADDINS GOLD.....*		4	5	3-31,54,	10	1.2	9,918	5.15	511	30	25		-109	+.04	-2	-4
01-10-65 565141 2162186 5-71				55	23		10,530	5.07	534							
604929 ETTAS BASIC ADVANCER.....*		3	9	1-42	15	1.3	8,586	5.43	466	7	28		-176	+.07	-3	-7
10-28-64 577289 2063515 5-71					17		9,268	5.24	486							
604934 ANONYMOUS.....*		1	18	1-33	18	1.6	10,212	4.70	480	22	23		+122	-.07	0	+3
12-20-64 553149 2401764 5-71					18		9,782	4.93	482							
604935 MARLU VALOR WARSPITE.....*		3	21	2-55,56	26	1.1	11,964	4.81	576	31	26		+52	+.03	+5	+5
03-04-65 600002 2499082 5-71					64		12,084	4.72	570							
604937 CARTAGENA BEACON 808.....*		1	11	1-92	11	1.3	9,964	4.76	474	**	20		+72	-.06	-2	0
01-26-62 559861 2181839 5-71					53		9,678	5.11	495							
604940 BEATRICE SLEEPING ADVANCER....*		4	5	1-74	10	1.2	9,394	4.31	405	20	25		+166	-.06	+3	+7
01-19-65 590317 2311639 5-71					79		8,709	4.47	389							
605013 PATIENCE SUPREME.....*	61-02	12	3	2-52,54	22	1.0	9,575	4.77	457	18	46		-72	-.22	-23	-21
03-15-65 587884 2536056 5-71					28		9,831	5.25	516							
605071 MILESTONE DUSTY.....*		3	8	1-64	20	1.0	9,381	4.76	447	10	32		-59	-.06	-8	-8
04-06-65 563805 2393454 5-71					76		9,646	4.98	480							
605078 BINDLES MIGHTY M.....*		4	3	2-63,64	10	1.0	8,674	4.92	427	10	28		-414	+.02	-19	-27
09-26-65 581199 2499911 5-71					41		10,313	4.90	505							

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF OAU /HO	STATES NO- WITH MOST OAUS	... OAUGHTERS AND HEROMATES ... OAUS HM/OAU	REC/OAU HEROMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
605109 OUCHESS SPARKLING OANOY.....		1	10	1-87	10	1.2	10,505	4.95	520	14	19	+78	-.03	+1	+3
10-16-59 562259 2107941 5-71					7		10,221	5.11	522						
605178 LE MAR PIONEER CORALAO.....*		1	15	1-91	15	1.5	8,905	5.40	481	47	22	-137	+.04	-3	-6
04-25-63 574752 2191330 5-71					9		9,607	5.25	504						
605188 JERWOOD AOVANCER JO JO.....*		2	6	1-41	12	1.6	10,273	5.01	515	25	29	+30	-.01	+1	+2
12-21-63 563813 2390858 5-71					18		10,316	5.05	521						
605190 FANFARE OF MARLU.....*	35-75	9	7	7-12,22,	19	1.1	10,485	5.88	617	65	34	+165	+.15	+22	+23
09-22-65 534585 2231590 5-71				31,51,74	35		10,133	5.58	565						
605257 MARLU MILAOY WARSPITE.....*		4	7	1-52	12	1.0	10,054	5.45	548	25	24	-1	+.06	+5	+4
01-08-65 600002 2361320 1-71					34		10,195	5.28	538						
605285 GREAT POTENTIAL.....*		1	18	1-93	18	1.0	9,071	4.80	435	0	20	-143	-.01	-8	-10
10-16-65 597562 2487816 5-71					109		9,878	4.89	483						
605311 VENTURE.....*		1	14	1-56	14	1.0	10,143	5.16	523	14	19	-25	-.01	-2	-2
06-15-65 578330 2477747 1-71					136		10,435	5.26	549						
605322 BRIGHAM CROWNING RECOROS.....*		1	10	1-64	10	1.0	7,188	4.79	344	30	18	-280	.00	-14	-19
10-03-65 572730 2497389 5-71					55		8,770	4.88	428						
605372 MISTER GOLOEN OESIGN.....*		1	10	1-74	10	2.4	9,548	5.39	515	0	22	+130	+.01	+7	+9
09-25-61 549122 2440491 1-71					56		8,970	5.46	490						
605391 ACME EVA PRINCE.....*		1	11	1-48	11	1.8	9,984	5.14	513	10	22	-21	+.01	0	-1
06-03-63 588142 2467959 5-71					19		10,225	5.10	521						
605401 PIXYS FANCY XENO.....*		1	10	1-41	10	1.0	7,427	5.28	392	10	18	-137	+.03	-4	-7
09-18-65 566892 2472650 5-71					12		8,137	5.14	418						
605409 CRITERION PEARL SIR.....		1	13	1-71	13	1.2	8,561	4.61	395	31	20	-66	-.06	-9	-9
12-18-64 597562 2453273 5-71					6		8,907	5.00	445						
605411 GRAHAM FARM CAROM BEACON.....*		6	12	1-74	34	1.1	8,028	4.37	351	3	41	-262	-.03	-16	-20
09-02-55 010121754 2137468 5-71					76		8,651	4.46	386						
605412 IMP OREAMING REVILLE.....*		6	4	2-74,93	19	1.5	7,797	4.41	344	17	43	-354	-.05	-22	-27
12-01-59 010008969 010069133 1-71					83		8,600	4.57	393						
605418 BRENHAM BRAMPTON VALIANT PINN.*		1	33	1-74	33	2.5	8,200	4.78	392	**	29	+72	+.03	+6	+7
04-25-56 473905 1516974 5-71					68		7,847	4.63	363						
605419 BRENHAM F. & M. POPPY.....*		1	15	1-74	15	2.9	7,672	4.81	369	**	26	-107	+.05	-1	-4
02-21-57 494740 1777361 5-71					70		8,002	4.64	371						
605422 BRENHAM XENIA JESSOMA.....*		2	22	1-74	27	2.3	7,916	4.51	357	29	30	-51	-.03	-5	-5
05-19-58 534909 1922659 5-71					76		8,001	4.64	371						
605426 BRENHAM JESSOMA STANDARD.....*		2	26	1-74	28	2.0	7,560	4.40	333	7	27	-177	-.04	-12	-15
08-14-59 534909 1790238 5-71					76		8,142	4.61	375						
605428 BRENHAM PORTIA BRAMPTON PINN..*		3	21	1-74	26	2.3	7,169	4.76	341	0	31	-293	+.05	-10	-16
03-14-61 605418 1922686 5-71					66		8,032	4.61	370						
605430 BRENHAM NOBLE POPPY.....*		5	4	1-74	12	1.5	7,211	4.48	323	30	34	-404	-.01	-21	-28
07-30-62 494740 1731849 5-71					62		8,372	4.55	381						
605431 BRENHAM JESSOMA BASILEUS.....*		4	22	1-74	29	1.9	7,244	4.80	348	**	31	-214	+.04	-7	-11
12-10-58 503958 2623016 5-71					68		7,840	4.67	366						
605468 BARBARAS IVANHOE SUM.....*		2	8	1-63	10	1.1	9,270	4.98	462	20	20	-188	+.03	-7	-11
07-28-64 580594 2181799 5-71					32		10,365	4.91	509						
605494 HAZELS OREAMING PRINCE.....		1	14	1-41	14	1.7	9,049	4.61	417	14	23	+79	-.07	-2	0
03-04-64 587809 2181169 5-71					11		8,685	4.95	430						
605498 COLES FARM FAVORITE RUT.....*		1	10	1-23	10	1.0	7,843	5.19	407	20	18	-381	+.08	-12	-20
07-01-64 563813 2624700 9-70					5		10,126	4.76	482						
605517 TRISTRAMS CHIEF JEWEL.....		1	21	1-86	21	1.2	9,231	4.97	459	29	22	-107	+.04	-2	-4
03-07-65 563813 2304234 5-71					96		9,820	4.85	476						
605636 MARLU MILAO MIOAS.....*		1	18	1-84	18	1.1	9,044	4.69	424	22	21	+25	-.08	-6	-4
03-09-65 589069 2299113 5-71					45		8,933	5.12	457						
605638 MARLU MILAO PRINCE.....*		2	7	1-82	11	1.0	10,720	4.71	505	18	23	+43	+.03	+5	+5
08-29-65 589069 2360857 5-71					32		10,719	4.53	486						
605670 THE MILESTONE OF GRANOVIEW....*		2	14	1-91	16	1.4	9,278	5.31	493	47	23	-222	+.06	-6	-11
04-08-64 563805 2524184 5-71					20		10,385	5.10	530						
605671 GRANOVIEW EPIC BOY.....*		1	11	1-91	11	1.0	9,399	5.22	491	27	18	-129	+.04	-3	-6
04-28-65 588835 2554245 5-71					21		10,255	5.09	522						
605678 RADAR BRAMPTON BASIL BP.....*		1	14	1-82	14	1.8	7,222	4.79	346	11	23	-399	+.05	-16	-24
12-12-62 589814 2524765 5-71					7		9,001	4.66	419						
605679 CROWN.....*		1	10	1-73	10	1.4	7,634	5.13	392	11	20	-88	+.05	0	-2
11-29-64 563805 2508125 5-71					10		8,001	4.80	384						
605700 WALEBE EPIC NOMAD.....*		1	11	1-23	11	1.4	8,704	5.26	458	10	20	-110	-.02	-7	-9
12-03-63 588835 2396070 1-71					40		9,308	5.43	505						
605704 BONNYS CHAMPIONS DOUBLE.....		1	17	1-82	17	1.0	9,011	5.68	512	24	20	+135	+.04	+10	+12
06-03-65 577237 2226105 5-71					27		8,285	5.64	467						
605710 RUBYS BRILLIANT MILAO.....*		2	11	1-56	14	1.6	9,566	4.75	454	31	26	-311	-.01	-16	-21
06-25-64 589069 2380853 5-71					71		10,992	4.82	530						
605736 TIMBEREDGE BELINDAS BONANZA...		1	12	1-84	12	1.2	11,659	4.95	577	0	19	+457	-.03	+20	+28
02-08-64 563813 2483869 5-71					76		9,354	5.13	480						
605782 GOLDUST SABLE SUPREME.....*		1	20	1-93	20	2.1	10,144	5.54	562	5	25	+132	+.05	+11	+13
08-11-63 594668 2047894 5-71					17		9,705	5.41	525						
605806 NEWFLICK TRISTRAM ICEMAN.....*		3	8	2-91,92	11	1.3	9,872	5.18	511	9	23	-272	+.07	-8	-14
07-01-64 597314 2509323 5-71					7		11,291	4.99	563						
605819 MILESTONE MELANIE BOY.....*		1	13	1-63	13	1.9	9,001	4.64	418	0	23	+156	-.05	+3	+7
05-06-63 563805 1966693 5-71					12		8,269	4.86	402						
605827 JOYCES SUPREME.....		1	12	1-91	12	1.0	8,675	4.85	421	9	19	-226	-.05	-16	-19
04-10-65 556095 2339042 5-71					6		10,013	5.21	522						
605830 FANCY MAJOR.....*		1	10	1-86	10	1.4	10,281	4.45	458	25	20	+118	-.04	+2	+5
05-14-63 571041 2336575 5-71					59		9,772	4.59	449						
605909 ADVANCER ETTA COMMANDOS LAD...*		1	11	1-41	11	1.4	7,812	5.01	391	9	20	-156	+.07	-2	-6
01-11-64 595480 2417146 5-71					9		8,572	4.70	403						
606095 MILESTONE PINN CASANOVA.....*	31-02	1	22	1-43	22	1.4	13,455	5.22	703	14	23	+535	+.07	+33	+41
08-13-63 577026 2365518 5-71					44		11,427	5.01	573						

REGISTRATION NUMBER	NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HD	STATES NO- WITH MOST DAUS	DAUGHTERS AND HEROMATES OAUS HM/OAU	REC/OAU HEROMATE	MILK	%	FAT	% 1ST INC	% REPT	PREDICTED DIFFERENCES MILK	%	FAT	$$
606124	ALLOR FARM SABLES COMMANO.....		1	12	1-21	12	1.0	8,078	4.96	401	18	19	-161	+.05	-4	-7
11-09-64	585348 2448113 3-71					14		8,962	4.76	427						
606175	MAC IMPS OAN ROCKET.....*		2	11	2-82,87	13	1.1	10,017	4.68	469	23	21	+70	-.10	-5	-2
03-20-65	599487 2390148 5-71					27		9,776	5.15	503						
606194	DUANES CROWNING BARON.....*		1	10	1-41	10	1.3	7,082	4.86	344	70	19	-136	.00	-7	-9
01-11-64	590465 2297019 5-71					7		7,680	4.97	382						
606203	KK.T. LIBERATOR.....*		2	11	2-32,33	13	2.2	9,768	5.15	503	17	25	+74	-.02	+2	+4
12-03-62	564125 1928697 5-71					17		9,539	5.26	502						
606221	COLESHOLM COMMANDER.....*		1	10	1-14	10	1.0	9,947	5.98	595	20	18	-31	+.11	+8	+6
11-18-65	539013 2494381 5-71					26		10,268	5.49	564						
606255	SUNBEAM PRINCE SULTAN.....*		7	5	5-12,52,	22	1.1	8,708	4.73	412	10	42	-84	-.08	-11	-11
01-10-64	580853 2236651 5-71				55,56,58	38		8,915	4.94	440						
606264	CHERRY SECRET NOBLE.....*	21-10	26	1	7-11,12,	32	1.0	9,594	5.02	482	9	60	-189	+.01	-9	-12
08-08-65	546137 2305410 5-71				13,21,23	24		10,025	5.04	505						
606291	TYMOR TERROR.....*		2	11	2-14,21	13	1.1	12,412	5.24	650	0	21	+331	-.01	+16	+22
06-12-65	581199 1995565 5-71					43		11,067	5.32	589						
606292	TYMOR GIPSY SNOBALL.....*	31-02	6	2	3-31,56,	12	1.0	7,926	5.13	407	27	33	-187	.00	-9	-12
09-04-65	581199 1976566 5-71				57	29		8,448	5.15	435						
606298	TOPIC OF NATIONAL.....*		2	11	2-41,87	13	1.9	10,279	4.90	504	8	25	-175	-.04	-12	-15
07-02-63	567839 1726392 5-71					21		11,231	5.08	571						
606336	LADYS GOLDEN SON.....*		2	6	1-65	10	1.0	7,458	5.12	382	20	23	-161	+.07	-2	-6
05-17-65	574676 2306850 5-71					13		8,099	4.82	390						
606431	ROTOBA MASTER OSKA.....*		4	6	2-13,56	11	2.5	8,107	5.33	432	10	31	-168	+.03	-6	-9
11-17-62	590247 2170566 5-71					23		8,638	5.30	458						
606501	MILESTONE PINNACLE A.....*		1	15	1-87	15	1.2	8,977	4.88	438	0	21	-15	+.02	+1	0
07-17-64	563805 2149498 5-71					33		9,077	4.75	431						
606502	LIBERATORS FAUVIC JESTER.....*		3	7	2-87,88	10	1.6	9,358	4.73	443	**	25	+68	-.03	+1	+3
11-25-63	564125 2460008 5-71					30		9,107	4.80	437						
606552	SYMPHONYS STAR.....*		1	16	1-74	16	1.4	7,873	4.85	382	0	22	+188	+.01	+10	+13
07-11-63	565141 2372870 5-71					10		6,811	4.76	324						
606757	DORBROOK FAVORITE SNOMAN.....*		2	13	1-55	15	1.0	10,208	5.04	514	27	21	+75	+.04	+7	+8
11-18-65	581199 2224561 5-71					191		9,967	4.89	487						
606804	AMBASSADOR IDEAL KIT.....*		1	10	1-31	10	1.4	9,386	5.40	507	0	20	+107	+.07	+12	+13
03-10-64	575184 2323425 5-71					13		8,839	5.05	446						
606915	RICHAROS FARM MANDATE.....*	61-02	2	8	1-87	11	1.0	8,854	5.39	477	18	22	-17	+.08	+6	+5
03-09-65	567370 2160323 5-71					19		8,945	5.05	452						
606981	GLEN MEADOWS JEWELED MARK.....	21-10	12	1	5-11,12,	14	1.0	11,505	4.66	536	7	40	+455	-.13	+11	+21
11-13-65	525627 2214315 5-71				13,21,23	24		10,549	4.89	516						
606982	H L POMPEY FREDERICK.....*		2	9	1-13	11	1.1	11,200	5.35	599	18	21	+255	-.03	+10	+15
05-20-65	572331 1723692 5-71					14		10,080	5.59	563						
607022	FAIR-WEATHER SNOWSTORM.....*		1	13	1-21	13	1.0	9,662	5.94	574	15	19	-17	+.09	+7	+5
07-06-65	581199 2499556 1-71					115		9,858	5.53	545						
607040	MARIAS ECHO.....*		1	11	1-42	11	1.0	7,748	5.14	398	9	18	-109	-.01	-6	-8
11-11-65	602723 2059475 5-71					9		8,298	5.28	438						
607046	VICTORY SANOFIGHTER.....*		1	10	1-74	10	1.1	12,884	5.72	737	50	18	-70	+.05	+1	-1
11-18-63	563805 2285621 5-71					32		13,763	5.55	764						
607176	MARSHLAND SEN SEN LADDIE HERMA		1	21	1-13	21	1.2	8,186	5.20	426	5	22	-201	+.04	-7	-11
04-03-64	591131 2264351 5-71					12		9,132	5.11	467						
607277	CROSSLAND TRISTRAM MAID BASIL.*		1	14	1-42	14	1.7	7,300	5.16	377	8	23	-32	+.02	0	-1
08-30-61	585403 2203891 9-70					58		7,286	5.05	368						
607278	CROSSLAND CHALLENGER ASHLEY...*		1	12	1-42	12	1.0	7,066	5.35	378	0	19	-153	+.05	-3	-6
01-11-65	583831 2245521 5-71					49		7,787	5.06	394						
607292	CONFIDENT INFRED BASIL.....*	72-01	4	4	2-71,72	12	1.0	8,016	4.70	377	38	29	-312	+.01	-15	-21
10-23-65	549809 1897494 5-71					56		9,120	4.74	432						
607367	PEERLESS BRIGHT.....*		2	18	2-42,57	20	1.6	8,191	5.19	425	0	25	-90	+.02	-3	-5
07-20-64	596406 2281086 5-71					23		8,522	5.17	441						
607427	BEACON BAS CORNERSTONE.....*		2	7	2-57,63	10	1.4	7,937	5.01	398	0	23	-219	+.08	-4	-9
09-18-63	563805 2114660 5-71					25		8,882	4.71	418						
607455	BURCHFIELD BERTHAS SIR.....*		1	15	1-65	15	1.3	7,822	4.69	367	8	21	-159	-.02	-10	-12
05-16-64	575184 2468207 5-71					32		8,555	4.85	415						
607528	WONDERFUL ELLADON BEACON.....*		2	8	1-91	10	2.5	10,454	5.09	532	11	25	+20	+.01	+2	+2
01-18-62	587666 2229725 5-71					42		10,542	5.06	533						
607529	LIBERATORS ELLADON LUNAR.....*		2	11	1-91	14	1.6	10,642	4.88	519	23	26	-63	-.03	-6	-7
07-06-63	584664 2229728 5-71					37		11,116	5.00	556						
607530	B. LUCYS ELLADON SUPREME.....*		1	12	1-91	12	1.6	11,195	4.69	525	33	21	+145	-.08	0	+4
08-13-64	556095 2229728 5-71					41		10,702	4.99	534						
607541	ECHO LINDALE ROYAL 2D.....*		1	12	1-31	12	1.3	7,653	5.19	397	8	20	-20	-.01	-2	-2
04-22-65	602723 010326439 5-71					8		7,635	5.38	411						
607557	BRENHAM JESSOMA POPPY.....*		1	14	1-74	14	2.6	7,522	4.61	347	**	25	-129	+.01	-6	-8
06-16-58	530441 1777367 5-71					73		7,954	4.61	367						
607589	FAIR-WEATHER TABLER COUNT.....*		1	10	1-21	10	1.0	10,029	5.33	535	50	18	+1	-.01	-1	-1
07-29-65	560227 2499555 9-70					127		10,151	5.49	557						
607736	CHATSWORTH LODGE CS PATTERN...*		8	5	4-21,31,	19	1.2	8,721	5.18	452	45	39	-458	+.03	-20	-28
04-12-60	552974 010271124 5-71				35,41	17		10,024	5.11	512						
607814	W R COMMANDO KING.....*		1	11	1-31	11	2.6	8,415	4.62	389	**	23	+25	-.05	-3	-2
12-08-57	515399 2143210 5-71					19		8,246	4.90	404						
607838	ACRES ADVANCER STAR.....*		1	13	1-31	13	1.6	8,866	5.67	503	0	22	-140	+.13	+4	0
11-03-64	553149 2260220 5-71					21		9,578	5.08	487						
607906	W R GOLDEN JESTER PRINCE.....*		1	14	1-31	14	1.6	7,567	4.72	357	43	22	-181	-.02	-11	-14
10-25-63	565303 2095762 5-71					19		8,341	4.90	409						
607936	BLANTON ROYAL MARKSMAN.....*		1	13	1-55	13	1.0	9,592	4.91	471	8	19	-173	.00	-9	-12
10-31-65	576127 2193724 5-71					68		10,692	4.96	530						
607946	MOUNTAIN SHADOW PEERLESS ASTRO		1	19	1-86	19	1.0	9,293	5.01	466	11	21	-91	+.04	-1	-3
11-03-65	596406 2354126 5-71					94		9,840	4.90	482						

REGISTRATION NUMBER / NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
608034 CROSSLAND TRISTRAM SNOW BASIL.*		1	16	1-42	16	2.1	7,335	5.33	391		7	25	-106	+.06	0	-3
02-21-63 585403 2277295 5-71					59		7,653	5.04	386							
608035 CROSSLAND CHALLENGER SNOW PRIN*		1	14	1-42	14	1.9	6,900	4.99	344		0	24	-194	.00	-10	-13
04-02-64 583831 2277295 5-71					66		7,607	5.07	386							
608142 H.V. GOLD RING FILLPAIL.....*		2	8	2-55,56	11	1.0	8,847	5.13	454		18	22	-298	-.01	-16	-21
09-27-65 564209 2470027 5-71					64		10,379	5.24	544							
608397 BEACON SLEEPING JESTER.....*		1	15	1-57	15	1.0	9,207	5.47	504		0	20	+89	+.04	+8	+9
04-02-64 534585 2250630 5-71					62		8,746	5.31	464							
608584 PIONEERS SUNNY BOY.....*		2	11	1-92	13	1.6	9,327	4.80	448		25	24	-277	-.04	-17	-21
04-27-63 574752 2105165 5-71					9		10,682	5.01	535							
609039 NEBO NINA EJ STAR.....		1	21	1-73	21	1.0	6,736	4.90	330		24	21	-306	-.02	-17	-22
06-03-65 582190 2221702 5-71					42		8,126	5.11	415							
609250 ESMOND ROSARY MAJOR.....		2	18	1-58	20	1.3	8,534	4.68	399		15	24	+195	-.02	+8	+12
10-16-62 502114 2028630 5-71					109		7,587	4.73	359							
609400 FAT BEACON PINN AIM.....*		1	11	1-87	11	1.0	9,067	4.53	411		0	18	+21	-.03	-2	-1
10-02-65 563813 2149506 5-71					39		8,960	4.78	428							
610202 GRANTS FANCY ADONIS.....*		2	26	1-35	28	1.5	8,524	4.95	422		20	26	-68	.00	-3	-4
09-15-63 588858 2453287 1-71					15		8,785	4.99	438							
611068 BLONDE CHAP OF DOUBLE J.....		1	19	1-35	19	1.3	9,185	4.68	430		0	22	+102	-.03	+2	+4
10-09-63 568199 2704433 5-71					44		8,713	4.79	417							
612648 CERES RADAR DANNY.....*		1	10	1-33	10	1.0	7,693	4.90	377		0	18	-152	+.01	-7	-10
08-23-65 585431 2439463 5-71					18		8,527	4.94	421							
612823 P-J BIJOU ACME LINDAS CRUSADER*		1	27	1-87	27	1.3	10,203	4.79	489		12	24	+176	-.06	+3	+7
02-16-64 594819 2255303 5-71					11		9,526	5.02	478							
010126125 BRAMPTON POSING ACME.....*		19	11	12-21,58,	64	2.5	7,682	4.93	379		**	64	-489	+.08	-18	-28
04-29-55 010121022 010212474 5-71				64,65,74	57		8,398	4.82	405							
010128872 MARLU COMMANDO MILESTONE.....*		6	3	5-21,32,	12	1.9	8,411	4.99	420		**	35	-49	-.01	-3	-4
08-28-58 563805 1748310 5-71				42,57,58	70		8,518	5.05	430							
010129360 KINGSHURST SUPREME CLIMAX.....*		7	2	5-21,23,	10	1.3	9,175	4.80	440		17	33	+135	-.08	0	+4
10-18-59 01C126905 1447061 5-71				58,65,74	37		8,751	5.03	440							
010129783 LINOALE BEACON ELITE.....*		11	2	6-11,12,	16	1.6	7,777	5.27	410		33	45	-807	+.05	-36	-51
02-08-60 010113607 010184163 5-71				13,21,31	13		9,666	5.15	498							
010131154 IMP. BOUQUET-S DESIGNING DREAM*		6	4	2-34,74	15	1.8	9,121	4.47	408		**	38	+240	-.09	+4	+10
10-29-61 010009076 010063873 5-71					59		8,452	4.65	393							
010131797 CHATSWORTH LOOGE M M GYPSY....*		4	5	1-21	11	1.3	10,313	5.08	524		17	27	+33	-.01	+1	+2
03-15-63 563805 010231490 5-71					15		10,339	5.13	530							
13WAE8713		1	22	1-13	22	2.0	8,505	5.36	456		7	25	-139	+.08	0	-4
5-71					18		9,083	5.02	456							
13WZW1729		1	23	1-13	23	1.8	9,911	5.18	513		5	25	+126	+.04	+10	+12
5-71					8		9,466	5.04	477							
35AGA7050		1	50	1-35	50	4.6	7,515	5.03	378		**	32	-288	+.09	-7	-13
5-71					41		8,387	4.75	398							
358LZ6311		1	15	1-35	15	2.3	8,454	4.93	417		0	25	-59	+.04	+1	-1
5-71					44		8,675	4.74	411							
35SB65887		1	15	1-35	15	2.0	5,482	4.65	255		0	23	-269	-.05	-18	-22
1-71					3		6,395	5.07	324							
35WAP2447		1	57	1-35	57	4.1	8,927	4.82	430		5	32	+206	-.01	+9	+13
5-71					33		8,223	4.85	399							
41WCS5646		1	11	1-41	11	1.9	7,739	4.90	379		0	22	+25	-.06	-4	-3
5-71					9		7,488	5.28	395							
42WBJ5857		1	15	1-42	15	1.2	8,191	5.42	444		**	21	-117	+.03	-3	-6
5-71					19		8,752	5.34	467							

REGISTRATION NUMBER	NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF OAU /HO	STATES ND- WITH MOST OAUS	... DAUGHTERS AND HEROMATES ... OAUS HM/OAU	REC/OAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
64541	HIGH MEADOW HERCULES..... *	35-75	47	2	19-32,33,	69	3.0	11,630	3.96	461	**		80	+5	-.03	-3	-2
02-01-44	48672 75184 5-71				41,51,57	9		11,560	4.01	463							
68354	JUDO-S BRIDGE FERDINAND..... *	21-01	75	2	7-13,14,	112	3.5	12,086	4.09	494	**		87	+42	+.04	+7	+7
12-13-44	48672 91561 5-71				16,21,22	9		12,020	4.04	486							
69864	MANDARIN OF LAUREL RIDGE..... *		7	9	4-16,21,	22	3.9	12,796	4.23	541	**		43	-30	+.03	+3	+2
11-16-44	48672 102343 5-71				55,56	9		12,943	4.16	538							
70410	BEVERS B. OF LAUREL RIDGE..... *	23-05	45	3	8-11,14,	92	3.4	12,211	4.24	518	**		83	+252	+.10	+23	+26
02-25-45	48672 104173 5-71				16,23,51	10		11,875	4.13	490							
70747	HYCREST LEADER..... *	14-01	50	2	11-11,13,	82	2.3	11,208	4.10	460	**		82	-468	+.02	-16	-25
01-29-45	40112 84872 5-71				14,16,51	8		11,736	4.09	480							
77887	LEE-S HILL LUCKY STRIKE.....	56-01	21	14	3-55,56,	91	3.0	10,358	3.90	404	**		68	-420	+.03	-13	-22
01-28-46	54155 43893 5-71				57	12		10,838	3.85	417							
80793	THE DEAN OF LEE-S HILL..... *		18	15	13-12,16,	53	2.4	12,435	4.05	504	**		53	+133	-.03	+2	+5
07-26-46	54155 65386 5-71				21,51,52	16		12,179	4.12	502							
86059	V.B. TEX-JANE HUGO..... *	48-01	27	5	7-42,48,	70	3.0	11,182	4.08	456	**		74	+26	+.02	+3	+3
06-19-47	53913 89941 5-71				72,73,74	10		11,030	4.06	448							
87681	PROFIT OF RIVERSIDE RANCH..... *	35-75	99	3	30-21,32,	163	2.6	11,131	4.28	476	**		89	-606	+.21	0	-16
06-01-47	68354 149309 5-71				41,51,57	9		11,769	4.04	475							
89585	SWISS LANE SQUIRE LOU..... *	34-01	26	4	3-32,34,	63	2.7	11,748	4.09	480	19		75	+75	+.07	+11	+11
04-25-48	57704 85693 5-71				56	6		11,586	3.99	462							
91262	TELLEEN-S BUTTER BARRY..... *		6	11	2-42,46	39	2.7	11,497	4.04	465	**		50	-116	+.05	+1	-2
07-26-48	75369 130529 5-71					3		11,677	3.95	461							
91609	HARRY-S GLAMOUR BOY OF A.A.... *	35-75	42	6	22-21,48,	73	3.1	12,527	4.18	524	**		75	+595	+.07	+33	+43
01-30-48	73212 147786 5-71				51,52,57	10		11,678	4.09	478							
91845	LA RAINBOW BUR DEL..... *	31-01	66	6	13-22,31,	142	3.1	11,749	4.14	486	**		85	-187	+.03	-4	-8
10-15-48	67522 77958 5-71				32,43,56	13		11,946	4.12	492							
91856	CURTISS CANDY NED FAVOR..... *	33-03	37	1	16-21,22,	43	3.2	11,537	4.02	464	**		74	-83	+.02	-1	-3
09-28-48	64837 93954 5-71				32,35,41	9		11,588	4.00	464							
92099	NORVIC COLONEL ELSO..... *	41-01	39	10	10-22,35,	84	3.3	12,121	3.93	476	7		72	+259	-.07	+2	+8
03-15-48	67200 84635 5-71				41,42,45	12		11,714	4.03	472							
92689	BEU-OELL-S WALLY..... *		3	26	1-74	33	3.1	11,874	4.02	477	6		33	+28	+.01	+2	+2
04-03-48	39443 88818 5-71					22		11,742	3.99	469							
94606	CURTISS CANOY INTREPID PHIL... *	33-03	105	2	26-21,23,	143	2.9	11,448	4.03	461	**		90	-256	+.01	-9	-14
04-05-49	82405 146072 5-71				35,41,42	10		11,682	4.02	470							
95448	SULLIVAN LAIRO DAN..... *	43-02	12	3	4-42,43,	22	2.6	11,804	4.21	497	**		54	+104	+.07	+13	+13
07-01-48	71151 137137 5-71				46,47	12		11,545	4.07	470							
97288	DRANGEVILLE HARRY-S BALLY..... *		11	7	7-13,22,	31	2.3	11,991	4.19	503	**		51	-579	+.02	-21	-32
09-22-49	48672 115800 5-71				23,31,35	9		13,236	4.18	553							
98386	P. V. KEEPER-S HONDR..... *	63-02	34	5	9-32,56,	74	3.2	12,365	3.98	492	**		77	+535	+.02	+24	+34
12-12-49	71211 86633 5-71				57,58,63	7		11,612	3.94	458							
100828	TELLEENS BEAUTY M..... *	87-01	10	3	4-42,47,	18	3.8	11,551	4.06	469	**		51	+6	+.01	+2	+2
10-01-49	75369 130529 5-71				82,87	9		11,465	4.03	462							
104288	P.V. WHIRLAWAY-S HECTOR..... *		5	19	3-32,33,	26	2.4	11,211	4.00	448	33		32	-130	-.01	-6	-8
12-01-50	52640 159370 5-71				35	8		11,553	4.03	466							
105201	DRANGEVILLE GALLANT-S HARRY... *	51-02	28	2	5-31,51,	36	2.8	11,643	4.17	486	11		69	-353	+.10	-2	-11
01-20-51	59813 128643 5-71				52,57,63	10		12,152	4.03	490							
105449	AVON VIEW IDEAL..... *	31-01	78	5	16-23,31,	130	3.3	12,037	4.25	512	**		86	-331	+.13	+2	-7
02-12-51	48672 139974 5-71				32,35,52	12		12,450	4.11	512							
105570	YOUNKER HOMESTEAD-S COLONEL... *	21-01	15	1	5-13,16,	16	3.1	12,114	4.09	495	**		53	+265	-.01	+10	+15
05-14-50	48672 175129 5-71				21,31,50	7		11,543	4.11	474							
106794	COLONELS DEFENDER OF J-A-M.... *	61-02	85	3	15-23,31,	150	3.2	11,874	4.15	493	**		89	-285	+.08	-2	-9
07-29-50	48672 197223 5-71				35,42,57	12		12,197	4.07	497							
107291	LEE-S HILL RANSOM M..... *	35-05	75	3	14-32,33,	138	3.2	10,824	3.96	429	**		88	-459	-.01	-20	-29
12-10-50	90827 191282 5-71				35,41,42	11		11,250	3.99	449							
107506	HYCREST BUTLER..... *	34-01	42	4	19-11,14,	72	2.3	11,506	4.06	467	**		77	-321	-.02	-15	-21
10-06-50	65421 78476 5-71				16,34,51	12		11,894	4.09	487							
107516	ARBOR ROSE ACTOR STAR..... *	91-01	20	17	7-21,32,	79	3.8	11,560	4.14	479	5		64	-662	+.09	-16	-30
05-19-51	85891 166966 5-71				82,91,92	46		12,649	4.02	508							
107764	SAMBOW CARLIETT.....	35-75	29	4	14-33,41,	58	2.2	11,667	4.10	478	29		72	-597	+.07	-16	-29
07-12-49	66318 86518 5-71				57,91,93	7		12,536	4.01	503							
107999	ORANGEVILLE ACE..... *	51-02	37	6	8-23,51,	110	2.6	12,342	3.90	481	**		81	+687	-.14	+9	+25
07-23-51	95956 170555 5-71				52,54,57	7		11,409	4.10	468							
108542	IVAN OF LILLY SWISS..... *	42-02	30	3	6-32,41,	50	2.7	10,887	4.14	451	10		72	-597	+.06	-17	-30
04-12-51	99590 203675 5-71				42,46,56	8		11,663	4.06	474							
108805	VALLEYHURST MOLLY-S SUPREME... *		10	3	5-33,43,	19	2.1	10,653	4.15	442	**		48	-120	+.01	-4	-6
02-26-50	61560 62189 5-71				46,48,57	5		10,760	4.17	449							
109596	SPRING VALLEY LARGO..... *	42-02	60	8	10-16,33,	150	3.3	11,727	4.17	489	5		84	-2	+.05	+6	+5
12-14-50	71151 61653 5-71				35,42,46	10		11,678	4.12	481							
109953	P. V. WONDER LAD-S JERRY..... *	35-02	27	7	5-33,34,	110	3.2	12,377	3.99	494	14		80	+379	-.02	+13	+21
09-01-51	92785 101585 5-71				35,42,51	9		11,871	4.01	476							
109954	P V WONDER LAD-S TERRY..... *	63-02	17	2	3-32,56,	26	2.9	12,825	3.91	501	**		61	+347	-.03	+10	+17
11-29-51	92785 193486 5-71				63	7		12,257	3.95	484							
109955	P. V. WONDER LADS KRISTY..... *	41-01	66	5	14-32,41,	171	2.3	10,786	4.01	432	31		87	-907	.00	-36	-53
12-23-51	92785 159370 5-71				46,57,91	9		11,789	4.01	473							
110030	HAPPY OURS GLENDAS SQUIRE.....	87-01	12	4	4-82,87,	28	2.7	13,529	3.90	528	**		57	+631	-.05	+19	+32
02-17-51	97603 146460 5-71				91,92	6		12,437	3.98	495							
110327	NORVIC ELAIM..... *	35-05	76	7	17-32,33,	190	2.7	12,613	3.84	484	8		88	+452	-.14	0	+12
08-08-51	92099 123672 5-71				35,41,42	14		12,086	4.01	485							
111590	LEE-S HILL CUSTODIAN M..... *	16-04	31	8	8-11,12,	101	2.3	12,298	3.95	486	24		76	-411	-.14	-33	-38
06-19-51	90827 98780 5-71				13,14,16	10		12,912	4.14	535							
111934	R. H. Y.-S C. H. GENERAL..... *	34-01	14	3	4-23,31,	30	2.6	11,455	4.14	474	6		61	-175	+.07	+1	-4
08-06-51	48672 201961 5-71				32,34	12		11,691	4.03	471							
113149	LEE-S HILL SENTRY M..... *		10	13	4-13,16,	30	3.0	12,993	4.29	558	**		44	-223	+.06	-2	-7
09-02-51	90827 97785 5-71				21,51	9		13,649	4.19	572							

REGISTRATION NUMBER NAME OF 8ULL	STUD CODE	NUM8ER OF HEROS	EFF DAU /HD	STATES NO- WITH MOST DAUS	DAUS HM/DAU	REC/DAU HEROMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
11325D ROLLING MEADOW-S DIPLOMAT.....*		3	8	3-23,31,	11	3.3	13,547	4.51	611	D	29	-19D	+.D7	+1	-4
D9-22-52 76D59 193485 5-71				34	12		14,425	4.30	62D						
113785 IMPERIAL SUPREME OF SHARON....	41-D4	14	3	4-41,42,	24	2.9	11,5D1	4.D3	463	**	56	-73	+.D4	+2	D
D1-06-52 76059 678D1 5-71				45,52	8		11,569	3.94	456						
113925 MILLROSE 8AR8ETTE-S COUNT.....*	35-02	19	3	3-34,35,	35	3.1	12,D86	3.89	47D	14	66	+177	-.D6	0	+5
11-D2-52 93701 86198 5-71				45	10		11,777	3.97	468						
114212 HIGH MEADOW JESSE-S 8ARON.....*	23-D5	30	3	2-23,61	57	2.7	11,217	4.D9	459	**	74	-181	.00	-7	-11
D5-24-52 53929 1363DD 5-71					8		11,381	4.11	468						
114335 SHEL8URNE CACTUS M.....*		7	30	3-13,16,	61	3.1	12,749	4.25	542	11	45	+166	+.D7	+15	+17
D1-D6-53 98243 206962 5-71				21	37		12,397	4.12	511						
114372 P. V. WONDER LAD-S NICK.....*		7	6	5-32,33,	29	3.3	12,715	3.76	478	27	52	+413	-.D8	+7	+17
09-18-52 92785 1929D2 5-71				35,52,63	10		11,892	3.88	462						
1144D8 STARK ROSES VELVET PRINCE.....*	41-01	52	6	5-41,42,	14D	2.7	12,341	4.08	5D3	1D	85	+582	+.04	+29	+39
02-11-52 100601 175745 5-71				45,46,51	8		11,595	4.02	466						
114431 ROLAND GOLD.....*		10	29	4-23,52,	51	3.4	13,2D5	4.02	531	**	42	+395	-.D2	+13	+21
09-04-52 101940 191942 5-71				55,56	19		12,263	4.08	5DD						
114934 CRI8LEZ COLONEL.....*	48-01	37	5	7-31,47,	87	2.4	9,457	4.21	398	**	79	-1,D81	+.13	-29	-52
D9-16-51 96441 19984D 5-71				48,73,74	8		1D,682	4.D3	430						
115176 PE88LECREEK JOY-S CREATOR.....*	35-75	83	1D	21-21,32,	179	2.9	12,240	4.04	494	10	84	+176	+.02	+10	+13
11-01-52 108419 218830 5-71				34,55,57	9		12,D11	4.DD	481						
115660 V. 8. PANSY-S LIEGE ZINKIE....*		5	13	3-34,42,	41	3.0	11,52D	3.96	456	**	51	+80	-.D1	+2	+4
07-29-52 1D6065 153361 5-71				46	22		11,270	3.97	447						
116058 WINDENOAK-S A NELLIE-S WILLIAM*		3	21	1-33	25	3.8	11,968	4.18	5DD	**	31	-18	+.04	+4	+3
D3-14-53 106455 12883D 5-71					11		12,D11	4.05	486						
116269 V.8. PRINCE APOLLO.....*		36	8	18-14,16,	66	2.9	11,323	4.02	455	**	68	-636	-.01	-27	-39
08-1D-52 104850 143164 5-71				31,32,35	14		12,262	4.05	496						
116273 LEES HILL GI8RALTAR M.....*	61-01	148	6	27-21,31,	347	2.7	11,921	4.17	497	15	93	-332	+.11	D	-9
11-12-52 9D827 162715 9-70				32,43,56	13		12,287	4.D6	499						
116376 M. F. OEKE MEADOW PRINCE.....*		5	19	2-23,51	47	4.1	1D,791	4.13	446	**	48	-282	+.04	-6	-12
01-29-53 94980 150214 5-71					14		11,283	4.05	457						
116497 ARBOR ROSE OREGON PUNCH.....*		14	121	6-73,86,	17D	2.8	12,816	4.04	518	7	38	-136	+.02	-3	-6
04-07-53 86356 174924 5-71				91,92,93	57		13,282	4.D2	534						
116807 MEADOW VIEW ANDY H.....*	42-08	27	2	2-42,47	48	3.3	1D,337	4.26	44D	**	74	-75D	+.14	-14	-31
05-15-52 58254 154679. 5-71					7		11,262	4.06	457						
117125 CURTISS CANOY INTREPID NED....*	33-03	69	1	24-21,23,	80	3.2	11,454	4.13	473	**	84	-181	+.09	+4	-1
01-03-53 82405 226888 5-71				31,32,35	10		11,612	4.01	466						
117219 8ONANZA SENATOR.....*	41-25	55	5	7-41,42,	13D	2.1	11,984	4.D2	482	2D	83	-5	-.D5	-6	-5
11-15-53 75432 2D6636 5-71				45,47,48	9		11,968	4.09	490						
117439 ROXANA ROYAL MAJESTY.....*	35-05	53	3	9-31,33,	85	2.8	9,780	4.12	403	9	82	-1,263	+.11	-39	-65
09-18-53 109851 178307 5-71				35,41,55	12		11,228	3.98	447						
117640 DESIGN-S OESIRE-S MASTER.....*		11	51	6-35,86,	74	2.8	13,152	4.02	529	5	39	+128	.00	+5	+7
08-30-53 106902 248742 5-71				91,92,93	66		12,887	4.03	519						
117784 NARROWS VALLEY JENNIE-S DICK..*		6	11	3-32,33,	30	2.9	12,129	3.83	464	5	45	+1D6	-.D6	-3	0
08-27-53 1D9327 155504 5-71				35	11		11,859	3.96	470						
118142 HIGHLAND HOME NELL-S NEO D....*	41-25	47	16	9-42,45,	145	2.5	12,173	4.1D	499	15	75	-15	+.D7	+8	+6
D7-17-53 52728 188162 5-71				47,48,72	9		12,194	4.0D	488						
118499 P V OODGER-S MAJOR.....*		6	5	2-33,42	22	3.5	11,312	4.26	482	**	51	-281	+.08	-2	-9
01-31-54 83412 163864 5-71					13		11,824	4.13	488						
118913 NORVIC MASTER LARRY.....*		28	4	12-22,31,	52	3.6	12,955	4.29	556	**	72	-113	+.11	+9	+5
08-20-53 106902 175028 5-71				35,42,74	13		13,214	4.15	549						
118914 NORVIC MASTER EOITION.....*	35-D2	13	11	2-34,35	38	3.8	11,D72	4.32	478	**	51	-452	+.17	+2	-10
D8-29-53 1D6902 226593 5-71					9		11,929	3.97	473						
119405 V. 8. CARL-S SULTAN.....*	48-01	14	9	3-16,35,	41	2.8	10,644	4.2D	447	7	56	-402	+.09	-6	-15
01-31-54 104852 216052 5-71				48	12		11,264	4.05	456						
119760 8EAUTY-S 8RUCE.....*		4	3	2-41,42	1D	3.D	9,097	4.21	383	**	35	-528	+.D4	-16	-27
10-03-53 82228 69D6D 5-71					14		10,425	4.D7	424						
119793 DORR-S CLEPE-S WONDERFUL GRANO*		6	16	4-31,32,	25	2.5	12,368	4.08	505	**	34	-51	.00	-2	-3
03-25-53 100629 164153 5-71				33,74	20		12,558	4.12	518						
119848 V B PAVANNE.....*		8	16	4-23,31,	30	3.1	13,092	3.90	511	**	39	-33	-.05	-7	-7
09-06-53 107291 143164 5-71				35,42	15		13,289	4.04	537						
120226 CURTISS CANOY INTREPID FASHION*	33-03	60	1	24-14,31,	65	3.2	11,497	4.10	471	**	82	-29	+.07	+7	+5
04-20-54 82405 201880 5-71				32,33,35	8		11,459	4.01	46D						
120244 PLEASANT NOOK LINKEY LAD.....*		4	16	2-35,41	21	3.1	11,166	3.85	430	21	32	-377	+.02	-13	-21
06-01-54 99590 109750 5-71					6		12,360	3.83	473						
120699 NORVIC MASTER MOOELER.....*	35-05	31	10	4-33,35,	78	3.0	11,113	4.12	458	24	69	-668	+.08	-18	-32
09-05-54 106902 226590 5-71				41,42	11		12,066	4.02	485						
121093 ORANGEVILLE RAMPART-S JESSE...*		7	7	1-23	18	3.6	12,578	4.09	514	**	41	+29	.00	+1	+2
10-02-54 114959 261474 5-71					6		12,542	4.09	513						
121212 NORVIC MASTER ECHO.....*	41-04	4	20	2-35,41	27	3.0	14,903	3.96	590	0	33	+237	-.D3	+6	+11
01-26-54 106902 226583 5-71					10		14,410	4.03	581						
121214 NORVIC MASTER BANOOLIER.....*	35-03	22	4	7-21,23,	49	2.7	10,851	3.99	433	0	69	-222	.00	-9	-13
05-10-54 106902 161037 5-71				33,34,35	7		11,059	4.00	442						
121273 ROXANA MAIOA-S MAJESTY.....*		3	24	3-35,41,	28	3.8	12,018	4.09	491	7	32	-129	+.04	0	-3
10-22-54 109851 178307 5-71				84	9		12,455	3.93	490						
121407 TWIN SPRUCE SKY KING.....*		2	6	1-35	10	1.6	11,156	4.18	466	**	26	-111	+.04	0	-3
11-24-53 65397 259410 5-71					7		11,525	4.07	469						
121816 WELCOME IN CHARMER.....*	61-D2	314	6	39-31,33,	849	2.0	12,161	4.14	503	16	97	-225	+.08	D	-6
04-04-54 76059 212767 1-71				35,48,74	14		12,415	4.08	506						
121844 ACTIVE ACRES ANNIE-S TOPMOST..*		1	15	1-23	15	4.5	12,215	4.18	510	8	27	-84	+.02	-1	-3
10-10-54 98802 257917 5-71					8		12,566	4.14	520						
121957 NORVIC MASTER POLLYMAN.....	41-25	61	3	12-41,42,	119	1.9	11,451	3.96	453	24	85	-221	-.03	-12	-16
07-17-54 106902 190880 5-71				48,51,57	8		11,658	4.DO	466						
122171 TAMARIND HARKNESS.....*		4	12	3-21,23,	19	1.8	10,543	4.03	425	**	31	+55	+.01	+3	+4
10-27-54 76059 228337 5-71				58	14		10,159	4.00	406						

REGISTRATION NUM8ER NAME OF 8ULL	STUO CODE	NUM8ER OF HERDS	EFF OAU /HD	STATES NO- WITH MOST DAUS	... OAUGHTERS ANO HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	% %	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
122236 HIGH MEAOOW 8ONUS.....*		3	17	2-16,21	21	3.0	12,741	3.75	478	33	30	+49	-.05	-4	-2
05-29-54 112421 136300 5-71					11		12,618	3.92	495						
122242 MISCHKES ADVANCER.....*	93-05	17	4	6-82,86,	41	2.2	14,301	3.99	570	**	63	+830	-.04	+28	+45
10-03-54 114125 153872 5-71				88,91,93	19		13,080	4.05	530						
122427 ETHAN ALLEN RASTUS.....*	22-03	9	2	4-13,22,	13	4.7	10,265	3.95	405	0	47	-202	-.02	-11	-14
09-03-54 80792 166405 5-71				51,55	9		10,533	4.03	424						
122469 V. 8. COUNT HAMILTON.....*		5	9	3-35,42,	20	4.1	11,382	3.96	451	0	41	-31	-.01	-2	-2
04-27-55 116500 267487 5-71				84	10		11,379	4.00	455						
122548 WALNUT CREEK GOLOEN SOL.....*	35-75	56	4	23-33,41,	94	2.3	12,193	4.04	493	11	82	-11	+.05	+6	+5
06-18-54 102187 197410 5-71				56,57,93	10		12,208	3.97	485						
122679 P V WONOER LAD-S CONSTELLATION*		5	10	1-91	18	3.1	12,964	3.95	512	**	36	+71	.00	+3	+4
03-26-55 92785 193486 5-71					8		12,827	3.93	504						
122885 WELCOME IN DIAMOND CUTTER.....*	16-04	19	13	9-13,14,	55	2.8	11,686	4.08	477	14	57	-96	+.02	-2	-4
02-19-55 116273 150821 5-71				16,21,51	10		11,818	4.08	482						
122962 FORTUNES FOREMOST OF TWIN OAK.*	91-11	21	5	7-33,35,	51	3.0	11,033	4.13	456	15	69	-530	+.07	-13	-25
08-01-54 101496 153382 5-71				41,42,47	10		11,761	4.04	475						
123099 PORT-HAVEN SUCCESSOR.....*		6	7	1-41	27	3.0	10,913	4.11	448	17	50	-368	+.01	-14	-21
08-17-54 101807 220703 5-71					6		11,584	4.12	477						
123124 MEADOW VIEW STYLEMASTER.....*		6	8	2-42,45	20	3.1	12,250	3.71	455	0	40	+167	-.06	-1	+4
02-09-55 116678 224722 5-71					12		11,795	3.87	457						
123156 ACTIVE ACRES QUEEN TOPMOST....	87-01	9	1	6-22,55,	11	2.1	11,745	4.05	476	25	39	-254	+.03	-7	-12
06-08-55 98892 186351 5-71				74,87,92	4		12,420	3.99	496						
123323 ORANGEVILLE RAMPART-S 8ARNEY..*	33-03	107	3	26-21,23,	189	2.9	12,920	3.88	501	11	91	+916	-.13	+20	+40
02-20-55 114959 229600 5-71				31,35,42	13		11,878	4.02	478						
123650 OSTVAL-S VERNA-S KIT.....*		2	11	1-35	16	4.9	11,445	3.91	448	0	34	+140	-.02	+3	+6
10-22-54 52860 130458 5-71					7		10,900	3.99	435						
123965 TRAILS END ROYAL VALENTINE....*		8	2	4-31,52,	13	3.2	12,101	4.07	493	**	43	+251	-.01	+9	+14
02-14-55 114959 262266 5-71				57,86	12		11,446	4.11	470						
124045 K. MAUREENS FROJOY.....*		8	17	4-31,32,	40	1.9	11,790	4.06	479	13	42	+224	.00	+9	+13
01-16-54 78152 228066 5-71				58,74	21		11,152	4.08	455						
124122 HYCREST DIAMOND JU8ILEE.....*	31-01	59	2	20-14,21,	82	2.5	10,728	4.01	430	25	82	-1,084	-.04	-48	-68
01-14-55 107506 150007 5-71				31,51,84	13		12,036	4.07	490						
124396 V. 8. ROAMER PAVANNE.....*	61-01	40	5	11-16,31,	95	2.1	12,051	3.88	468	23	78	-147	-.07	-14	-15
10-16-55 119848 250654 5-71				33,56,61	11		12,244	3.98	487						
124402 NORVIC MASTER SUNWISE.....*		13	10	6-13,31,	45	3.0	11,226	4.26	478	6	57	-768	+.13	-16	-33
02-18-55 106902 113768 5-71				33,35,64	14		12,614	4.04	510						
124403 NORVIC MASTER ELVIN.....*		14	9	7-33,34,	59	2.8	13,487	3.89	524	9	65	+718	-.08	+18	+34
03-14-55 106902 226583 5-71				35,42,86	18		12,408	4.01	498						
124609 P. V. GERTRUDES GENERAL.....*	21-01	159	5	11-12,13,	391	2.9	12,641	3.93	497	14	94	+166	-.11	-7	-2
11-24-54 83412 130682 1-71				16,21,22	11		12,494	4.06	507						
124652 WELCOME IN SUPREME.....*	33-03	547	7	44-21,23,	1,755	2.0	12,374	4.06	503	18	98	-95	+.02	-1	-3
02-11-55 116273 220062 1-71				31,35,41	12		12,502	4.06	507						
124697 ROXANA GENUINE JESTER.....*	33-03	56	1	24-23,32,	69	2.1	10,671	4.00	427	26	80	-1,080	+.01	-42	-63
02-21-55 109851 97915 5-71				34,35,42	8		11,998	3.99	479						
124788 SUNSET VIEW PRINCE RAINIER....*	91-11	45	5	13-31,35,	93	3.9	12,624	3.98	503	8	81	+154	-.04	+1	+5
07-11-55 116269 251324 5-71				41,42,46	13		12,458	4.04	503						
124881 KEEP PARTNERS OF FENLEA.....*	41-01	11	4	1-41	24	2.5	11,826	3.93	465	0	54	-48	-.06	-9	-9
03-20-55 105007 233912 5-71					12		11,885	4.06	483						
124942 E K MISTER EMPERIOR.....*		3	30	2-35,63	34	3.9	10,762	3.87	417	0	32	+64	-.03	-1	+1
08-18-55 106902 249894 5-71					10		10,379	4.00	415						
124954 FRIENDLY ACRES TRIUMPH.....*		7	18	1-32	30	3.8	10,244	3.99	409	5	38	-368	+.03	-11	-19
04-20-55 109762 226494 5-71					12		11,095	3.93	436						
125014 WALHALLA TAM HO.....*		8	10	4-23,31,	21	3.2	13,610	4.11	559	**	40	+165	+.01	+8	+11
11-16-55 118918 280431 5-71				32,34	11		13,305	4.10	545						
125021 LA RAIN8OW GINGER 8OY.....*	35-03	23	4	7-31,32,	57	2.5	10,318	3.94	407	10	72	-661	-.03	-30	-42
04-21-55 115152 269394 5-71				33,35,51	9		11,132	4.01	446						
125054 AVON VIEW DARLENE APOLLO.....*		7	22	3-33,34,	59	3.2	9,109	4.06	370	3	51	-507	+.01	-19	-29
02-20-56 116269 216945 5-71				35	6		9,876	4.06	401						
125237 NORVIC MASTER VALOR.....*		8	20	4-33,42,	48	2.0	13,736	4.04	555	33	44	-51	+.02	0	-1
03-22-56 106902 199009 5-71				43,86	14		14,036	4.02	564						
125241 NORVIC MASTER LODESMAN.....*		1	14	1-35	14	4.1	10,057	4.39	441	**	26	-344	+.11	-1	-10
08-19-55 106902 175028 5-71					9		11,312	3.94	446						
125273 WELCOME IN VALIANT.....*		6	28	1-41	39	3.4	11,763	4.18	492	**	36	+15	+.08	+10	+9
10-02-55 116273 212772 5-71					11		11,667	3.95	461						
125283 HARRIETS ROYAL APOLLO.....*	34-01	20	7	5-31,32,	62	2.7	10,947	4.08	447	16	69	-765	+.02	-29	-44
03-04-56 116269 286712 5-71				33,34,56	9		12,046	4.07	490						
125539 MEMORY LANE-S ENVOY.....*	21-01	50	2	6-12,13,	77	2.9	12,546	3.99	500	10	82	+428	-.04	+12	+21
02-19-56 93771 253792 5-71				14,16,21	10		12,000	4.04	485						
125585 8ENEDALE-S PRECISION.....*	33-03	60	2	24-14,21,	84	2.7	11,561	4.13	477	10	83	-181	+.09	+4	-1
05-28-55 88545 147435 5-71				31,35,42	10		11,733	4.01	470						
125640 WAVENEYS LADDIE G.....*	21-10	100	4	13-13,14,	207	2.1	14,158	4.14	586	12	90	+1,156	+.09	+58	+78
02-04-56 91609 210953 5-71				16,21,23	9		12,942	4.06	525						
125678 OLD HOME KAYAK-S NAPOLEON.....*		2	21	1-31	25	3.5	12,258	4.09	501	**	31	+2	.00	0	C
11-05-55 99252 278894 5-71					5		12,258	4.14	507						
125855 SLEEPY VALLEY ELDORADO G.....*		3	7	1-13	14	3.4	10,510	4.19	440	**	33	-658	+.04	-22	-35
04-20-56 116273 266610 5-71					36		12,535	4.08	512						
125863 CORTLAND PRIDE.....*		1	24	1-35	24	3.7	9,137	3.90	356	13	28	-298	-.02	-14	-19
05-03-55 106196 156659 5-71					7		9,983	4.00	399						
126083 VALLEYHURST MASTER M.....*		2	22	1-41	26	4.3	12,988	3.80	493	8	32	+45	-.01	0	+1
09-18-55 101767 295318 5-71					10		12,916	3.84	496						
126143 HILLWINDS VALIANT MASTER.....*	35-03	31	5	10-31,32,	68	2.6	10,911	4.04	441	12	74	-421	+.07	-9	-18
07-10-56 106902 276401 5-71				35,42,96	9		11,402	3.96	451						
126177 AVON VIEW CLIMAX.....*		2	8	1-31	11	4.6	13,420	4.16	558	0	29	+133	+.01	+6	+8
06-19-56 116269 196705 5-71					13		13,051	4.16	543						

REGISTRATION NUM8ER NAME OF 8ULL	STUO COOE	NUM8ER OF HERDS	EFF OAU /HO	STATES NO- WITH MOST OAUS	... OAUGHTERS AND HEROMATES ... OAUS HM/OAU	REC/OAU HEROMATE	MILK	% FAT	FAT	% 1ST INC	REPT %	PREOICTEO OIFFERENCES MILK	%	FAT	$$
126329 8RIGHT-S S OEMONSTRATOR.....*		2	15	1-42	19	3.8	10,207	4.11	420	20	30	-186	+.05	-2	-6
11-27-55 99988 235085 5-71					9		10,686	3.96	423						
126480 R. J. M. KAY-S KURTE.....*		3	10	1-33	21	4.4	12,356	3.98	492	0	41	+3	-.05	-6	-5
02-24-56 117440 201167 5-71					13		12,366	4.13	511						
126555 V. 8. COUNT ROULETTE.....*	35-75	139	10	29-21,32,	418	2.2	13,908	3.87	538	8	92	+1,170	-.10	+33	+58
01-07-56 116500 161698 1-71				35,55,58	11		12,684	3.97	504						
126599 LEE-S HILL COUNTRY SQUIRE R...*		17	1	9-32,33,	20	3.5	12,611	3.98	502	10	58	+309	+.02	+15	+20
09-24-55 80792 144299 5-71				35,61,63	9		12,064	3.93	474						
126792 V. 8. SOLOMON PAVANNE.....*		5	11	2-41,42	18	3.4	11,489	4.03	463	10	35	-26	-.01	-2	-2
06-18-56 119848 264406 5-71					9		11,495	4.08	469						
126969 GREENHILLS TIOY CHIEF.....*		3	6	2-23,31	11	1.1	11,062	4.24	469	**	24	-302	+.03	-8	-14
11-04-55 115147 144298 5-71					8		12,319	4.13	509						
127017 MIOGE-S HARRY.....*		12	2	2-63,64	17	2.4	10,709	3.96	424	**	49	-286	+.04	-7	-13
09-04-56 104478 178149 5-71					8		11,199	3.88	434						
127112 MAPLE ROW PAOUKUS T.....*		4	14	1-21	25	3.4	13,666	3.91	535	8	38	+318	-.01	+12	+18
12-15-55 76202 334080 5-71					13		12,908	3.92	506						
127141 SPRING VALLEY HERO.....*		1	15	1-35	15	5.7	12,077	4.30	519	0	28	-209	+.09	+3	-3
11-06-55 109596 178926 5-71					10		12,905	3.97	512						
127197 WELCOME IN CHARMER 8ARONET....*		7	17	4-32,48,	31	1.8	12,174	4.10	499	17	35	-204	+.02	-6	-10
10-09-56 121816 279226 5-71				51,84	17		12,815	4.08	523						
127469 R.Y. IMPERIAL PRINCE G.....*		2	19	1-31	24	3.5	12,606	4.04	509	0	32	-319	+.04	-8	-15
11-08-56 111934 279141 5-71					5		13,755	3.94	542						
127682 NORTH REPELMAR ROAMER-S RULER.*		2	22	1-47	32	2.8	10,855	4.25	461	27	35	-315	+.03	-9	-16
09-09-56 106557 243314 5-71					13		11,714	4.19	491						
127825 OLO HOME THUNOERCLOUO.....*		7	2	4-23,31,	11	3.4	10,521	4.04	425	13	40	-287	+.06	-4	-11
11-06-56 99252 104552 5-71				63,96	10		11,131	3.89	433						
127850 NEEOMOR GALLANT 8EAU.....*		3	12	2-50,51	16	3.3	11,940	4.38	523	17	30	-94	+.03	0	-2
01-21-57 76059 270495 5-71					30		12,258	4.28	525						
127853 NORVIC MASTER INMAN.....*	41-01	55	5	12-41,45,	126	2.1	10,753	4.02	432	22	84	-748	.00	-30	-44
09-10-56 106902 175029 5-71				48,73,91	11		11,588	4.03	467						
127854 NORVIC MASTER ELLISON.....*	35-21	54	10	11-33,35,	125	1.9	12,004	4.22	506	13	76	-849	+.14	-18	-37
03-03-56 106902 226593 5-71				41,42,84	17		13,222	4.05	535						
127902 TALOKA OOUGHNUT-S WHIRLY.....*		1	35	1-73	35	2.7	11,098	3.78	420	**	28	-428	+.02	-15	-24
05-19-56 101165 166949 5-71					11		12,653	3.75	474						
128017 AR8OR ROSE GIL GEM.....*		7	14	2-91,92	34	3.4	13,606	3.95	537	**	45	-173	-.03	-10	-13
08-23-56 117354 174924 5-71					13		14,195	4.02	570						
128037 HYCREST STERLING SQUIRE.....*		4	19	2-31,32	31	3.1	13,071	3.88	507	35	37	-14	.00	0	0
08-28-56 107506 134051 5-71					8		13,213	3.85	509						
128215 W. 8EAU PRINCE.....*		7	3	2-52,55	14	3.1	11,712	4.09	479	**	41	-26	+.03	+3	+2
08-22-56 116269 233420 5-71					20		11,730	4.01	470						
128226 FAWN-S 8ILLY.....*		3	9	2-35,48	13	2.5	11,950	4.18	500	13	27	-71	+.01	-2	-4
10-27-55 86059 276906 5-71					8		12,219	4.20	513						
128250 NORVIC REGAL MAESTRO.....*		13	7	8-13,21,	41	3.8	11,394	4.21	480	6	62	-426	+.07	-9	-19
10-06-56 117228 299756 5-71				51,52,56	32		12,075	4.12	497						
128313 NORVIC MASTER MONITOR.....*		7	6	3-35,41,	18	2.6	10,022	3.98	399	0	39	-255	-.01	-11	-16
02-10-57 106902 226590 5-71				47	11		10,505	4.02	422						
128314 NORVIC MASTER FILMER.....*		3	19	2-35,46	23	5.0	12,548	4.02	505	0	32	-42	+.04	+3	+1
08-28-56 106902 154204 5-71					12		12,734	3.89	495						
128416 POWOER RIVER GENIUS.....*		5	11	5-81,86,	18	3.3	11,133	4.07	453	8	34	+134	-.02	+3	+6
06-30-56 121189 301826 5-71				87,91,92	12		10,580	4.15	439						
128428 CLAYTONOALE MERIOIAN-S EL 8OY.*		3	7	2-33,34	10	3.7	13,919	4.03	561	25	28	+455	-.02	+16	+25
04-27-56 114863 286434 5-71					12		12,285	4.12	506						
128620 V.8. PRINCE MONITOR.....*		3	11	2-31,34	24	3.7	12,168	3.78	460	9	42	+51	-.07	-7	-4
12-24-56 124052 193484 5-71					24		12,028	3.97	478						
128656 LEE-S HILL KAOLIN M.....*		15	1	9-12,22,	18	2.2	11,698	4.28	501	**	52	-525	+.09	-11	-23
11-24-56 90827 162714 5-71				31,32,42	11		12,770	4.13	527						
128657 LEE-S HILL AM8ASSAOOR M.....*		9	18	8-16,22,	37	2.1	10,050	4.05	407	21	40	-394	+.02	-14	-22
08-19-56 90827 171663 5-71				23,31,51	13		10,899	4.04	440						
128801 SUNSET VIEW NO8LE AOVANCER....*		3	31	3-35,41,	35	2.7	9,694	3.99	387	17	30	-536	-.02	-24	-34
02-06-57 123084 152852 5-71				51	10		11,378	4.10	466						
128860 HIGH MEAOOW JESSE.....*		5	18	1-13	40	2.9	13,175	4.09	539	11	45	+327	-.02	+11	+18
08-15-56 53929 220866 5-71					42		12,469	4.15	517						
128866 FRIENOLY ACRES MEOLEY.....*		1	26	1-32	26	3.5	12,588	4.23	533	18	29	-189	+.05	-1	-6
03-16-57 109955 252958 5-71					16		13,370	4.08	546						
128895 NORVIC KINGPIN.....*		12	2	5-22,33,	17	3.1	12,630	4.06	513	22	51	+9	+.01	+1	+1
10-03-56 116269 139974 5-71				34,35,42	16		12,657	4.06	514						
128897 NORVIC REGAL ESQUIRE.....*		7	14	5-34,35,	24	3.9	12,123	4.15	503	6	38	+19	+.04	+6	+5
01-04-57 117228 284576 5-71				46,58,63	14		12,059	4.03	486						
128898 NORVIC MASTER SELECTMAN.....*		3	5	2-41,42	11	2.5	11,110	4.28	476	**	30	-327	+.03	-9	-16
09-27-56 106902 275664 5-71					7		12,209	4.19	511						
128899 NORVIC MASTER ENGINEER.....*		7	41	6-31,32,	56	3.5	12,176	4.06	494	6	37	+36	+.01	+3	+3
11-01-56 106902 199013 5-71				33,34,35	39		12,065	4.02	485						
128917 HYCREST GRANO MASTER.....*		6	7	6-14,21,	15	2.9	12,542	4.22	529	11	35	+115	+.02	+7	+9
07-03-56 121816 216711 5-71				22,31,35	18		12,214	4.19	512						
129069 LEE-S HILL CAPA8LE J.....*		1	14	1-31	14	3.4	12,700	4.43	563	0	27	-69	+.07	+6	+3
11-18-56 122787 284025 5-71					6		13,048	4.17	544						
129148 LEE-S HILL WAYFARER M.....*		11	10	5-33,35,	31	1.8	9,454	4.25	402	37	44	-520	+.11	-8	-20
04-15-57 90827 115544 5-71				48,58,63	11		10,463	3.98	416						
129628 MAIOEN-S LAW KAN-S OUKE.....*		1	17	1-48	17	5.2	13,321	4.09	545	0	29	+394	-.04	+11	+19
12-18-56 105909 139157 5-71					17		11,945	4.25	508						
129630 OSTVAL-S NA8O8-S EL CAPITAN...*	21-01	78	3	8-13,14,	150	2.9	12,451	4.06	505	19	89	+99	.00	+4	+6
04-27-57 102073 245475 5-71				16,21,22	11		12,355	4.06	502						
129730 LEE-S HILL IMPARTIAL R.....*	23-05	49	4	4-22,23,	118	2.2	11,460	4.01	460	17	83	-378	-.10	-27	-32
10-04-56 80792 144295 5-71				51,52	8		11,882	4.16	494						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
129884 NORVIC REGAL BEAUTIFIER.....*		3	6	1-42	12	5.6	11,056	4.25	470	0	35	-106	+.04	0	-3
02-14-57 117228 308965 5-71					7		11,271	4.14	467						
129887 NORVIC MASTER ELATION.....*		3	18	1-35	22	4.4	11,747	4.28	503	9	32	-218	+.08	+1	-5
03-05-57 106902 226593 5-71					6		12,447	4.03	501						
129889 NORVIC MASTER BERNARD.....*	33-02	6	9	2-33,57	19	2.6	12,299	3.94	485	14	37	+178	-.03	+3	+7
07-14-57 106902 308966 5-71					5		11,776	4.04	476						
129997 HY CREST SOVEREIGN.....*		6	3	5-11,13,	10	3.1	10,926	3.86	422	13	34	-466	-.06	-26	-34
08-24-56 107506 150007 5-71				21,51,58	14		12,300	4.07	501						
130181 .....*		4	4	4-31,35,	10	2.0	14,683	3.92	576	**	31	+446	-.05	+11	+21
5-71				52,91	12		13,372	4.08	545						
130238 RIVOLU LUCKY BEN.....		1	10	1-56	10	1.7	10,962	4.33	475	**	21	-79	+.03	+1	-1
05-16-57 77887 168898 1-71					6		11,260	4.17	469						
130511 OSTVAL-S PRINCE LEO.....*		2	23	1-35	25	3.2	9,738	3.90	380	20	29	-257	-.01	-12	-17
07-12-57 116269 279722 5-71					7		10,451	3.98	416						
130709 HYCREST ROYAL JESTER.....*	91-11	96	5	21-31,35,	224	1.7	13,087	3.91	512	10	89	+295	-.14	-6	+3
09-27-57 124122 293389 5-71				42,46,47	16		12,817	4.08	523						
130710 TAMARIND-S MYRON.....*		2	7	1-32	10	3.7	13,016	4.16	542	14	27	-98	+.03	0	-3
11-15-57 102812 241518 5-71					9		13,516	4.09	553						
130713 HIGH MEADOW JESSE-S REGENT....*	16-04	4	15	3-13,14,	20	3.6	15,399	4.35	670	**	33	+417	+.08	+27	+33
05-24-56 53929 281547 5-71				16	11		14,355	4.19	601						
130898 V B SHERATON PAVANNE.....*		5	13	2-33,57	23	4.9	12,843	4.14	532	0	39	+218	+.04	+14	+17
10-21-57 119848 326258 5-71					12		12,300	4.05	498						
130929 HILDE-S PRINCE.....		1	10	1-31	10	4.4	14,208	4.19	595	13	24	+160	+.01	+8	+11
04-21-57 76059 295784 5-71					10		13,701	4.17	572						
130986 R. Y. ROSE IDEAL MONITOR.....*		11	6	5-23,31,	32	1.9	12,997	3.97	516	**	53	+109	-.02	+2	+4
07-29-57 105449 298479 5-71				32,35,61	10		12,859	4.00	515						
131090 LEE-S HILL NORDKYN.....*		10	4	3-41,46,	24	2.2	11,288	4.07	459	20	52	-510	+.03	-17	-27
10-19-57 119565 253254 5-71				57	9		12,273	4.03	494						
131093 LEE-S HILL RIVAL J.....*		14	5	5-21,32,	33	3.0	12,387	4.24	525	12	60	-155	+.10	+6	+1
11-21-56 122787 290401 5-71				33,35,92	16		12,699	4.07	517						
131094 LEE-S HILL ALTRUIST M.....		1	16	1-57	16	3.4	14,252	3.98	567	23	26	+477	+.01	+21	+30
08-18-57 126599 308486 5-71					6		12,443	3.89	484						
131096 LEES HILL REGAL M.....*	31-02	117	6	27-22,31,	317	1.8	11,991	4.19	502	17	92	-343	+.11	-1	-10
03-31-57 90827 171673 1-71				42,43,56	12		12,385	4.09	506						
131136 MAYFAIR-S RAUNCHY.....*		1	11	1-32	11	1.6	11,779	4.32	509	30	21	-68	+.01	-1	-3
03-22-57 124648 299560 5-71					3		12,101	4.32	523						
131138 MEADOW VIEW LANCELOT C.....*	41-25	80	6	10-35,41,	205	2.2	11,592	4.05	470	16	88	-484	-.01	-21	-30
03-24-57 106157 206636 5-71				42,47,48	12		12,134	4.09	496						
131160 AVON VIEW TOPMOST.....*		2	11	1-31	13	5.5	14,461	4.16	602	0	30	+396	+.02	+18	+25
01-16-58 126055 251140 5-71					14		13,234	4.15	549						
131221 OSTVALS PROFESSORS WILLIAM....*		9	25	5-86,91,	54	2.0	14,120	4.02	567	**	43	+286	-.03	+8	+14
11-02-57 85732 267301 5-71				92,93,96	24		13,590	4.08	554						
131299 LEE-S HILL CHARLEMAGNE.....*		4	11	2-31,32	16	3.1	12,222	4.39	537	25	31	-198	+.06	-1	-6
02-03-58 128123 317549 5-71					4		12,938	4.24	548						
131441 NORVIC LARRY-S ELITE.....*		13	6	3-33,35,	39	2.9	11,863	4.37	519	0	60	-408	+.19	+6	-6
02-25-58 118913 226593 5-71				42	11		12,585	4.06	511						
131442 NORVIC LARRY-S SUNLIGHT.....*		8	7	5-33,35,	28	2.5	10,892	4.03	439	**	49	-636	-.01	-27	-39
02-22-58 118913 113768 5-71				42,47,91	12		12,193	4.08	497						
131528 NORVIC LARRYS LILASON.....*	33-03	271	8	37-21,33,	740	1.7	13,067	4.08	533	15	96	+303	+.02	+15	+20
11-22-57 118913 139974 5-71				35,41,42	16		12,811	4.06	520						
131614 RIVERSIDE RANCH-S SKI LARRY...*		4	6	1-21	12	3.4	13,042	4.11	536	10	33	-141	.00	-6	-9
12-11-57 124329 267731 5-71					15		13,606	4.15	565						
131770 CIRCLE W IDELLA-S JUDE.....*		1	23	1-71	23	2.7	12,568	4.20	528	**	28	-205	+.09	+2	-4
04-21-57 99199 211018 5-71					13		13,442	3.90	524						
131856 HAWTHORNE ROYAL MARK.....*		3	38	2-72,74	42	2.2	11,666	3.99	466	14	30	+20	+.02	+3	+3
03-18-58 76059 250893 5-71					11		11,531	3.91	451						
131857 HAWTHORNE ROYAL ROAMER.....*		4	13	2-72,74	28	1.8	11,862	3.83	454	**	38	-50	-.02	-4	-5
04-01-58 78152 207194 5-71					17		11,975	3.89	466						
131962 WELCOME IN ESQUIRE.....*		5	17	2-45,46	26	2.5	10,131	4.08	413	22	33	-70	+.01	-1	-3
08-14-57 121816 161975 5-71					10		10,139	4.05	411						
132282 ROLLING MEADOWS HORATIUS.....*		1	11	1-22	11	1.3	9,615	4.01	386	0	19	-185	.00	-8	-11
01-27-58 127208 271216 5-71					11		10,400	4.10	426						
132294 ALMA-S ELMER.....*		2	8	1-91	10	2.4	12,458	3.95	492	17	24	+425	-.02	+14	+23
10-11-57 118783 284961 5-71					8		10,533	4.08	430						
132308 HYCREST CELEBRATION.....*	21-01	63	2	6-12,13,	113	3.0	12,155	3.99	485	20	87	-354	-.05	-20	-26
07-10-57 76059 265478 5-71				14,21,22	11		12,606	4.05	511						
132337 CONCORD LAD G.....*		5	16	3-14,21,	27	3.3	12,932	4.04	523	25	38	+15	.00	+1	+1
08-07-57 116273 228204 5-71				52	15		12,970	4.04	524						
132349 FENLEA ACTIVE JITTERBUG.....*		3	17	2-84,93	22	2.5	14,603	4.06	593	19	31	+361	.00	+14	+21
09-20-57 121539 301918 5-71					13		13,556	4.09	555						
132436 ZIMMERDALE-S CHIEF CHARLEY....*		2	41	1-48	43	3.6	10,679	4.15	443	0	32	+178	+.01	+8	+11
10-25-57 121958 219871 5-71					5		9,889	4.15	410						
132499 ARBOR ROSE PUNCH MAGICIAN.....*		6	50	4-86,92,	61	3.1	13,405	3.97	532	11	35	+154	-.01	+5	+8
02-21-57 116497 224254 5-71				93,96	74		13,044	4.00	522						
132525 NU FASHION-S CLIPPER.....*	41-25	10	13	2-47,74	49	2.7	10,540	4.30	453	23	54	-578	+.08	-14	-27
10-25-57 115295 213079 5-71					11		11,545	4.16	480						
132562 FULLPAIL DOUBLE JAYME.....*		3	16	2-33,35	20	2.2	10,198	3.93	401	33	28	-124	-.03	-8	-10
01-16-58 121214 288219 5-71					3		10,471	4.08	427						
132658 RIVOLI JULIA-S TRUSTY.....*		1	16	1-56	16	4.7	11,598	3.77	437	0	28	+72	-.02	0	+2
10-16-57 87283 246986 5-71					25		11,247	3.84	432						
132685 LEES HILL LAYMAN.....*	35-75	2	21	1-31	36	2.9	13,784	4.13	569	10	38	+207	.00	+8	+12
02-27-58 116678 183789 5-71					10		13,350	4.14	553						
132700 SEM-S ONWARD CHALLENGE.....*		2	9	1-31	11	4.5	14,850	3.91	580	9	28	+410	-.07	+8	+17
08-03-58 94253 307372 5-71					13		13,495	4.12	556						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS	REC/DAU HM/DAU	HERDMATE MILK	MILK %	FAT %	1ST FAT INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
132734 PFAFF-S SIR DUKE-S STATEMEN...*		1	15	1-64	15	3.4	8,707	3.85	335	**	26	-411	+.01	-15	-23
10-18-56 73318 275225 5-71					12		10,079	3.83	386						
132768 GOLDEN 8ELL-S GENERAL DEAN....*		1	19	1-48	19	2.3	11,576	3.79	439	13	25	+161	-.05	0	+4
10-13-57 122843 297296 5-71					19		10,796	4.06	438						
132791 JO-HAR-S LUCILLE-S JOHNY.....*		4	4	1-52	11	3.4	11,367	4.34	493	0	35	-58	+.08	+7	+4
09-22-58 82462 278109 5-71					11		11,464	4.11	471						
132823 WELCOME IN CHERU8.....*	42-02	24	3	4-35,42,	41	2.3	12,256	4.07	499	8	67	+418	+.03	+20	+27
01-01-58 121816 326759 5-71				57,73	8		11,571	4.04	467						
132928 GRASSLAND RANDY.....*		1	19	1-31	19	4.0	11,701	4.34	508	5	28	-135	-.01	-7	-9
12-28-57 76059 302D03 5-71					9		12,182	4.43	540						
132947 GOLDEN 8ELL-S SIR LDUANAUT....*	48-01	5	11	1-48	29	2.4	11,057	3.94	436	19	44	-85	-.02	-6	-7
12-28-57 110050 171788 5-71					16		11,147	4.02	448						
132965 HAPPY DURS PANSY-S TAMARIND...*		6	5	3-82,86,	15	2.7	11,238	3.95	444	0	40	-316	.00	-13	-19
04-26-58 76059 277037 5-71				91	12		12,010	3.98	478						
133011 8ENEDALE NDRA-S JDYFUL SYM8DL.*		5	14	4-33,48,	23	1.8	10,995	4.26	468	0	32	-287	+.06	-4	-11
12-29-57 12D033 250795 5-71				52,86	12		11,874	4.06	482						
133136 WELCOME IN PREMIER.....*	61-01	26	2	8-31,33,	42	1.8	12,290	4.16	511	0	68	+63	+.08	+12	+12
01-03-58 124652 221855 5-71				57,61,86	16		12,197	4.05	494						
133176 NORVIC PRINCE CHIP.....*		4	21	1-42	28	3.2	11,828	4.16	492	0	34	+286	+.03	+15	+20
09-25-58 124788 284573 5-71					6		10,860	4.10	445						
133219 MEADOW VIEW DEFENDER C.....*	93-05	8	4	4-56,82,	19	2.7	11,393	4.16	474	**	49	-588	+.08	-14	-17
01-01-58 106157 212031 1-71				92,93	7		12,646	4.01	507						
133223 V. 8. PARAMOUNT OAMASCUS.....*		7	15	5-33,35,	37	3.1	12,227	3.91	478	15	45	+10	-.02	-2	-1
03-08-58 124286 233427 5-71				41,42,81	11		12,204	3.97	484						
133224 V 8 PRINCE VANGUARO.....*		1	14	1-42	14	3.7	14,357	3.96	568	10	26	+432	-.03	+14	+23
08-06-58 124052 290522 5-71					7		12,741	4.06	517						
133225 V. 8. PARAGON PAVANNE.....*		2	23	1-42	27	3.0	11,290	4.01	453	29	31	-226	-.06	-16	-19
08-10-58 119848 338430 5-71					10		12,012	4.24	509						
133226 V. 8. SOUVENIR PAVANNE.....*	35-03	19	2	6-34,35,	30	2.8	12,249	3.71	454	10	64	+243	-.19	-14	-5
09-23-58 119848 216052 5-71				41,45,63	10		11,829	4.03	477						
133254 FULLPAIL LOTHAR 8.....*		3	32	1-31	38	2.8	11,813	4.14	489	17	31	-312	+.02	-10	-16
01-08-58 121214 175361 5-71					14		12,888	4.10	529						
133292 OZARK AKHA8AR.....*		11	3	4-56,61,	18	2.3	10,262	3.69	379	10	46	-460	-.06	-25	-33
12-06-58 112216 335060 5-71				63,64	9		11,150	3.85	429						
133423 OHIO KAYAK-S SUPREME.....*		3	7	1-31	12	2.3	14,617	4.19	612	11	29	+21	-.01	0	+1
04-06-58 99252 240224 5-71					4		14,805	4.23	626						
133460 WELCOME IN SUPER8.....*		2	13	1-31	19	3.0	14,580	4.05	591	30	33	+265	.00	+11	+16
11-08-58 124652 342754 5-71					15		13,940	4.05	564						
133478 .....*		8	1	4-35,41,	10	2.3	12,294	3.94	484	11	38	-89	-.04	-8	-9
9-70				42,48	13		12,566	4.05	509						
133515 K. MAUREEN-S TAMARIND.....*		3	7	2-31,32	16	2.9	12,467	4.34	541	0	37	+292	+.09	+23	+27
03-13-58 76059 228066 5-71					24		11,618	4.11	477						
133534 CLAYTONDALE KATY-S 808.....*		1	10	1-31	10	3.4	14,668	3.67	539	22	23	+311	-.06	+5	+12
09-02-58 102073 331786 5-71					7		13,451	3.88	522						
133640 HILLWINDS LEGACY C.....*	11-01	6	11	4-11,12,	19	2.5	11,662	3.89	454	18	34	-89	-.03	-7	-8
07-07-58 111590 206636 5-71				14,58	11		11,896	4.00	476						
133643 HILLWINOS DIAMOND DANDY.....*		8	11	4-12,16,	27	2.0	13,238	4.07	539	13	41	-433	-.02	-20	-28
01-01-59 123374 156611 5-71				21,22	12		14,524	4.14	601						
133691 ACTIVE ACRES SUES TAMARINO....*	23-11	24	10	5-21,22,	80	2.2	11,960	4.09	489	11	69	-89	-.01	-5	-6
04-24-58 76059 282739 5-71				23,35,55	10		12,077	4.12	498						
133805 ROLLING MEADOW-S ROYAL METADOR*		1	33	1-31	33	2.7	10,770	4.23	456	10	28	+15	+.03	+4	+4
05-16-58 127208 280251 5-71					17		10,552	4.14	437						
133813 NORVIC PRINCE PAUL.....		1	25	1-35	25	2.6	9,563	3.75	359	**	28	-52	.00	-2	-3
01-19-59 124788 344712 5-71					4		9,482	3.77	357						
133884 NORVIC PRINCE 8E TRIM.....*		10	10	8-13,31,	27	2.3	13,861	3.95	548	0	43	+594	-.02	+21	+33
12-15-58 124788 344692 5-71				33,34,84	36		12,507	3.99	499						
133888 NORVIC ELLISONS LDOESTAR.....*		4	13	2-35,61	28	3.3	11,285	4.30	485	8	43	-378	+.09	-5	-14
09-22-58 127854 299756 5-71					8		12,175	4.11	501						
134020 ROCK-N-MAPLES THAKUR.....*	21-01	52	2	7-11,12,	74	2.0	11,941	4.20	502	39	80	-382	+.12	-1	-11
10-15-58 76059 261648 5-71				13,14,21	9		12,443	4.07	506						
134071 WELCOME IN COUNT.....*	35-75	78	11	27-21,32,	230	1.7	13,067	3.93	513	15	85	+189	-.06	0	+5
08-27-58 121816 210247 5-71				58,61,91	11		12,915	3.99	515						
134151 FLOJO-S JACK L.....*		2	7	1-57	12	2.8	13,857	3.93	544	14	31	+74	+.02	+6	+7
05-08-58 123985 297604 5-71					19		13,772	3.85	530						
134206 TUOLUMNE LOLETTA-S GEORGE.....*		2	14	1-93	16	5.3	14,582	4.34	633	0	30	+286	+.06	+19	+23
08-07-58 117125 329563 5-71					29		13,798	4.19	578						
134244 HAWTHORNE ROYAL REFLECTION....*		5	5	3-23,31,	14	1.8	13,037	4.18	545	31	36	-233	+.04	-4	-9
08-05-58 76059 235482 5-71				32	8		13,853	4.09	567						
134278 STIAHTA-S GERONIMO.....*	21-01	75	3	7-12,13,	129	2.6	12,172	4.06	494	24	86	-281	.00	-11	-16
10-16-58 114123 166509 5-71				21,22,23	13		12,531	4.07	510						
134540 NORVIC LARRY FOREMOST.....*		4	18	3-33,35,	23	3.5	12,627	3.97	501	9	33	+143	+.01	+7	+10
04-16-59 118913 214511 5-71				96	12		12,185	3.92	478						
134552 JUOD-S 8RIDGE RAIN8OW.....*		12	37	5-35,41,	65	2.1	10,265	3.96	407	7	39	+25	.00	+1	+1
10-04-58 113594 269394 5-71				42,46,47	11		9,979	3.97	396						
134579 G. F. WONDERFUL DEAN.....*		2	13	2-34,91	15	2.8	11,981	3.87	464	21	27	-104	-.02	-7	-9
11-30-57 116953 282686 5-71					46		12,390	4.00	495						
134592 WILLADAE D. 8. MAYOR.....*		2	45	2-33,42	47	2.1	10,941	4.06	444	11	28	+9	+.01	+1	+1
09-13-58 87630 215165 5-71					12		10,766	4.05	436						
134723 OSTVAL-S NA8D8-S SHANE.....*		4	7	4-31,33,	12	2.5	13,648	4.03	550	18	30	+363	-.03	+11	+19
06-20-58 102073 195457 5-71				35,42	14		12,451	4.14	516						
134764 OSTVAL-S OEDICATOR-S LANCER...*	33-02	8	8	3-33,48,	22	2.3	11,134	4.00	445	25	41	+37	-.02	-1	0
03-13-58 128498 152967 5-71				63	8		10,914	4.09	446						
134801 WELCOME IN CLIMAX.....*		5	6	1-31	18	2.4	11,880	4.14	492	8	41	-53	-.02	-4	-5
04-06-59 121816 223960 5-71					9		11,991	4.21	505						

REGISTRATION NUM8ER NAME OF 8ULL	STUD CODE	NUM8ER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
134804 FRIENDLY ACRES MASTER EL.....*		1	18	1-32	18	2.4	13,108	4.07	534	13	26	-42	.00	-2	-3
06-03-59 128861 344568 5-71					16		13,393	4.14	554						
134842 GREEN SIERRA PRIDE-S ROY.....*		5	5	2-86,93	11	3.6	13,705	4.12	565	22	33	-148	-.02	-8	-10
03-22-59 125275 271131 5-71					30		14,368	4.21	605						
134901 NEEDMOR SUPREME T.....*	23-09	66	5	9-23,32,	174	1.9	11,663	4.39	512	22	87	-580	+.23	+4	-12
02-28-59 76059 257934 5-71				34,51,52	10		12,345	4.12	509						
135021 NEEOMOR SOVEREIGN T.....*	51-02	28	2	7-22,35,	35	2.5	10,882	4.16	453	13	68	-785	+.09	-21	-38
07-16-59 76059 270495 5-71				51,52,57	11		12,017	4.03	484						
135034 8ENEVOLA TREVA-S TAMY.....*		6	7	2-51,54	23	3.4	10,882	4.21	458	15	47	-315	+.08	-3	-11
07-28-58 76059 231189 5-71					16		11,481	4.04	464						
135057 SHARON FARMS GRAND REGAL.....*	31-02	4	17	2-31,43	22	2.2	13,571	4.03	547	0	30	+285	-.03	+8	+14
12-08-58 119793 151638 5-71					19		12,679	4.13	524						
135084 CLOVERIOGE PAUL-S 8URT.....		2	11	1-42	17	3.4	12,299	3.94	484	8	34	-112	+.02	-2	-5
05-05-59 123953 254545 5-71					7		12,683	3.89	494						
135097 WELCOME IN COMET.....	63-02	15	4	3-32,58,	36	2.4	11,706	4.06	475	4	62	-264	.00	-11	-16
02-14-59 124652 279223 5-71				63	5		12,124	4.08	495						
135099 WELCOME IN CHATHAM.....*	93-16	18	77	8-35,73,	131	2.7	14,424	3.96	571	10	41	+473	-.03	+15	+25
03-27-59 124652 342752 5-71				86,92,93	61		13,397	4.02	539						
135101 WELCOME IN RIVAL.....*	63-02	21	10	5-45,56,	77	2.0	12,490	3.89	486	8	67	+65	+.03	+6	+7
05-14-59 124652 357367 5-71				58,63,64	7		12,414	3.83	476						
135104 WELCOME IN JEWELLER.....*	23-13	4	13	4-33,35,	18	2.1	12,384	4.04	500	**	30	+112	.00	+5	+7
05-09-59 124652 357372 5-71				61,63	10		11,985	4.03	483						
135105 WELCOME IN 8ENEDICT.....*		5	2	2-82,93	10	1.8	13,218	3.92	518	**	35	+16	-.05	-6	-5
03-07-59 121816 279226 5-71					7		13,278	4.08	542						
135110 8RANOT-S PANSY-S SUNNY.....*		5	5	2-35,42	11	2.6	13,103	4.14	543	36	31	-102	+.02	-2	-4
01-22-59 125878 236143 5-71					18		13,571	4.11	558						
135159 C. R. KEYSTONE.....*		2	48	1-43	54	2.0	9,415	3.82	360	11	30	+34	-.01	0	+1
06-28-59 106557 224802 5-71					14		8,978	3.90	350						
135324 PORT-HAVEN PILOT T.....*		2	25	1-41	27	1.9	12,846	4.21	541	9	27	+190	+.01	+9	+12
08-05-58 76059 266010 5-71					4		12,131	4.19	508						
135328 FULLPAIL VALIANT-S WONDERON...*		3	18	1-34	22	3.6	12,831	4.05	520	0	32	+60	+.01	+4	+5
11-20-58 126143 276400 5-71					9		12,693	4.02	510						
135413 FULLPAIL MERIDIAN-S JORIS.....*		2	20	1-35	22	2.6	10,502	4.02	422	0	28	-91	+.02	-1	-3
09-18-58 114863 354172 5-71					12		10,679	3.97	424						
135434 HAPPY OURS DAISYS KING.....*		6	6	3-35,42,	20	2.2	13,725	4.09	561	13	41	-141	+.04	-1	-4
06-10-59 111885 126116 5-71				84	20		14,275	4.03	575						
135478 WILLOW 8RIOGE INFIELDER-S NERO*		2	23	2-47,64	25	3.2	11,635	3.98	463	8	30	+18	+.01	+2	+2
02-08-59 114123 256729 5-71					19		11,507	3.93	452						
135485 NORVIC LARRY-S ELECTOR.....*		8	7	4-35,41,	18	1.6	10,961	4.21	461	40	36	-441	+.06	-11	-21
03-12-59 118913 226593 5-71				42,47	9		12,205	4.05	494						
135487 NORVIC PRINCE 8EAU.....*	35-21	86	6	15-33,42,	244	1.4	12,783	3.93	503	18	89	+465	-.13	+2	+14
02-10-59 124788 308965 5-71				43,47,48	15		12,267	4.09	502						
135681 ACTIVE ACRES ACTOR Q. T.....*	61-02	21	3	8-82,87,	36	2.0	14,557	3.95	575	11	65	+828	-.03	+29	+46
11-16-58 123156 256220 5-71				91,92,93	12		13,399	3.99	535						
135810 HIGH MEADOW RU8IN.....*		1	14	1-23	14	3.2	11,651	4.37	509	14	25	-86	+.03	0	-2
10-20-58 113149 306527 5-71					6		11,979	4.27	511						
135831 8ENEDALE BONNIE-S 8EACON.....*		3	9	1-42	12	1.8	10,712	3.93	421	**	25	+22	-.01	0	+1
12-15-58 113707 310898 5-71					6		10,447	3.99	417						
135910 V 8 SULTAN MARSHAL.....*		6	3	3-34,51,	11	1.8	11,650	4.02	468	0	35	-125	.00	-5	-7
02-20-59 119405 343840 5-71				61	13		11,986	4.03	483						
136022 LEE-S HILL REGAL SHERIFF.....*		4	16	4-86,91,	21	2.6	13,515	4.12	557	6	30	+119	+.03	+9	+11
08-16-59 131096 349950 5-71				92,93	73		13,225	4.01	530						
136049 SPRING ACRES KING.....*		2	19	1-42	27	3.6	14,594	3.84	560	**	36	+449	-.05	+12	+22
12-04-57 70627 384395 5-71					5		13,454	3.94	530						
136139 V 8 APOLLO LIEGE.....*		2	16	1-33	18	3.9	13,800	4.28	591	6	30	+305	+.01	+13	+19
04-05-59 124286 233427 5-71					12		12,843	4.32	555						
136140 V. 8. ROYAL FLUSH PAVANNE.....*	33-03	157	4	33-21,23,	316	2.0	13,294	3.73	496	14	93	+1,018	-.29	+2	+28
02-22-59 119848 250654 5-71				31,34,35	13		12,198	4.05	494						
136151 QUINCY GALLANT PREMIER.....*		2	24	2-32,34	26	2.5	10,890	4.11	448	12	29	-221	+.04	-4	-9
03-29-59 77775 219960 5-71					13		11,607	4.00	464						
136191 .....*		3	10	3-33,35,	14	2.1	12,527	4.14	518	25	27	-2	+.03	+4	+3
5-71				42	11		12,574	4.02	506						
136203 8ELL-SON-S AUTUMN CHEER.....*		10	6	4-13,16,	32	2.1	12,596	4.12	519	24	55	-16	+.01	0	0
12-20-59 107915 309998 5-71				21,23	13		12,675	4.12	522						
136208 NORVIC LARRY CHAMP.....*		1	13	1-35	13	3.8	10,579	4.09	433	20	25	-262	+.03	-7	-13
10-02-59 118913 325287 5-71					11		11,547	3.99	461						
136251 CLOVERIDGE SOLOMON-S PRINCE...		3	6	1-42	12	2.8	13,989	3.75	524	**	32	+552	-.09	+11	+23
11-24-59 126792 293623 5-71					9		12,296	3.99	490						
136268 8RIGHT-S PIONEER D.....*		3	37	1-42	41	3.4	12,789	3.91	500	6	32	+204	-.02	+6	+10
08-17-59 119001 316954 5-71					25		12,144	3.95	480						
136429 NORVIC PRINCE SUNMASTER.....*		22	3	6-35,41,	40	2.2	11,946	3.88	464	18	67	-85	-.06	-11	-11
08-05-59 124788 350932 5-71				42,43,57	12		12,061	3.99	481						
136430 NORVIC LOAMASTER.....*	35-75	131	6	31-21,32,	292	1.3	11,522	4.02	463	16	90	-1,202	+.05	-43	-67
08-29-59 127854 175028 1-71				42,58,93	14		12,925	3.98	514						
136440 HYCREST TRADITION.....*	21-01	77	2	14-13,16,	126	2.4	11,620	4.22	490	18	88	-912	+.16	-19	-39
12-19-58 76059 292275 5-71				21,31,32	11		12,715	4.05	515						
136481 WELCOME IN DIXON.....*		5	29	2-23,57	38	2.4	13,720	3.80	522	11	33	+164	-.07	-2	+3
11-05-59 124652 235435 5-71					7		13,336	4.03	537						
136486 .....*		4	15	4-33,48,	23	1.7	7,994	3.94	315	**	32	-855	.00	-34	-50
5-71				64,73	5		10,518	3.96	417						
136561 ARIGIDEEN 8AR8ARIAN.....*		4	4	3-12,16,	12	2.8	11,470	4.00	459	20	37	-95	+.01	-2	-4
09-25-59 122885 171176 5-71				58	19		11,679	3.99	466						
136570 WHITE CLOUD LARRYS EMPEROR....		1	32	1-91	32	2.6	14,937	4.24	633	7	28	+469	+.07	+28	+35
12-04-59 118913 303719 5-71					13		13,378	4.02	538						

REGISTRATION NUM8ER NAME OF 8ULL	STUD CODE	NUM8ER OF HEROS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... OAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
136719 LEE-S HILL REGAL SAMARITAN....*		4	10	3-31,35,	15	1.6	12,235	4.23	517	8	28	-183	+.04	-2	-6
07-01-59 131096 346972 5-71				52	9		12,980	4.09	531						
136767 FOXTRACTS NAN FORCASTER.....*	21-10	48	3	8-12,13,	78	2.2	12,694	4.02	510	19	80	-107	-.05	-10	-11
10-04-59 78152 297058 5-71				14,21,22	12		12,899	4.09	527						
136792 CAROLEGE I. GOLDMAN.....*	21-10	13	5	4-11,13,	33	2.2	12,933	4.07	526	14	57	+125	.00	+5	+7
01-01-60 114123 257736 5-71				14,16	18		12,770	4.08	521						
136823 SNOW-LAKE COLONEL O.....*		2	15	1-33	17	3.0	10,954	4.19	459	13	27	+7	+.04	+5	+4
05-11-59 112216 335054 5-71					15		10,786	4.05	437						
136910 LEES HILL DEAN CONCORD.....*		10	9	6-12,13,	29	2.3	13,080	4.03	527	20	45	+105	-.01	+3	+5
09-11-59 80793 290401 5-71				21,31,41	11		12,918	4.05	523						
136963 SUNSET VIEW LEANOER.....*	21-10	59	3	5-13,14,	105	2.4	12,404	4.12	511	19	85	-445	+.06	-11	-21
11-12-59 114123 251324 5-71				16,21,23	13		13,012	4.07	529						
137095 LEES HILL REGAL SOVEREIGN.....*	35-05	34	17	12-22,23,	100	1.5	12,815	4.29	550	16	63	+67	+.07	+11	+11
07-01-59 131096 346972 5-71				31,35,51	23		12,764	4.21	537						
137096 GOLDEN OAWN-S GALLEON SULTAN..*		3	4	1-42	10	4.2	9,858	4.17	411	0	34	-472	+.04	-14	-24
01-18-58 106155 121292 1-71					17		11,148	4.05	452						
137238 FRA-MARS 8IG HANK 8.....*	23-09	14	6	2-23,57	28	2.7	12,981	3.96	514	15	53	+255	-.07	+1	+7
12-12-59 70410 306967 5-71					9		12,530	4.11	515						
137308 LEES HILL REGAL RANCHMAN.....*	35-21	53	4	13-33,35,	109	2.1	11,429	4.08	466	22	83	-697	+.04	-23	-37
05-20-59 131096 340027 5-71				41,42,48	16		12,281	4.03	495						
137312 LEES HILL REGAL MONITOR.....*		4	5	2-35,81	10	1.6	11,356	3.91	444	17	26	-681	-.02	-30	-43
06-26-59 112216 244567 5-71					13		14,132	4.03	569						
137334 8RYN CORON GERTIES SAGACIOUS..*		3	40	2-31,52	44	2.3	12,219	4.03	492	21	30	+42	-.01	+1	+2
04-09-60 130709 251392 5-71					16		12,061	4.05	489						
137395 WELCOME IN JUOGE.....*	91-11	17	23	6-31,34,	75	1.9	13,184	4.13	544	14	52	+366	+.03	+18	+24
02-04-60 121816 342766 5-71				35,42,47	11		12,513	4.09	512						
137396 WELCOME IN VISITOR.....*	61-02	13	4	6-31,33,	30	1.7	12,131	3.72	451	5	55	-17	-.11	-14	-12
02-28-60 121816 212772 1-71				61,63,64	15		12,160	3.92	477						
137399 WELCOME IN OAUNTLESS.....*		6	5	4-31,35,	13	2.6	11,740	4.08	479	38	34	+94	+.01	+5	+7
01-01-60 124652 363053 5-71				41,45	15		11,382	4.07	463						
137456 NORVIC LILASONS 8ETSO.....*		4	7	1-42	15	2.5	12,190	4.14	505	**	36	+268	+.03	+15	+19
01-07-60 131528 344692 5-71					10		11,364	4.07	462						
137469 TUOLUMNE U. S. SELECT TIOGA...*		3	19	2-86,93	23	3.4	14,189	4.22	599	18	31	+36	+.01	+3	+3
03-07-60 132458 355010 5-71					33		14,281	4.20	600						
137472 MAYFAIRS COMMANOER M. M.....*		3	13	2-32,64	20	2.3	10,486	4.05	425	25	32	-560	-.02	-25	-35
11-19-59 108666 280086 5-71					4		12,273	4.16	510						
137486 MEADOW VIEW DESTY JULE.....*		3	28	2-33,42	32	2.7	13,288	4.01	533	19	30	+119	+.02	+7	+9
03-22-60 118619 324112 5-71					9		12,972	3.95	512						
137500 FOXACRES OAISYS A8E.....*		1	14	1-35	14	2.9	12,513	4.29	537	14	25	-193	+.03	-4	-8
02-27-59 116729 196111 5-71					15		13,409	4.21	564						
137513 SHEL8URNE IMPERIOUS.....*		3	8	2-13,21	11	3.5	12,605	4.05	510	20	29	+53	-.01	+1	+2
10-05-59 128860 233949 5-71					42		12,445	4.10	510						
137684 HIODEN VIEW SOVEREIGN A.....*		3	9	2-23,31	12	2.8	12,515	4.12	515	0	28	+112	-.02	+2	+5
11-08-59 107915 267816 5-71					21		12,104	4.21	509						
137685 CONCORO VALOR G.....*		5	3	4-21,22,	10	1.5	11,538	4.03	465	**	31	-231	.00	-9	-13
09-18-59 116273 296637 5-71				23,58	16		12,309	4.04	497						
137857 KANAKAS CENTURION WONOER OUKE.		2	7	1-41	12	1.5	13,349	3.97	530	**	27	+25	+.01	+2	+2
07-07-59 126600 321915 5-71					15		13,374	3.94	527						
137867 SUNSET VIEW MIDAS.....*		5	6	4-23,31,	14	2.7	13,430	4.00	537	0	36	+224	-.01	+8	+12
07-06-60 133998 340382 5-71				32,52	9		12,874	4.02	518						
137900 V.8. RAVEN MOUNTAINEER.....*		3	5	1-48	11	1.6	11,192	4.04	452	17	29	-338	.00	-13	-20
03-11-60 112216 343018 5-71					18		12,367	4.03	499						
137902 V.8. PRINCE HILL PAVANNE.....*		1	21	1-42	21	2.7	11,708	3.94	461	7	27	-59	-.04	-7	-7
04-08-60 119848 250653 5-71					6		11,903	4.12	490						
137928 HYCREST PONY.....*		4	7	3-12,14,	13	1.4	9,187	3.99	367	**	28	-697	+.01	-27	-40
08-22-60 89614 197966 5-71				23	12		11,584	4.00	463						
137956 CORRELATIONS KNIGHT KAYAK.....		1	15	1-41	15	2.3	10,980	3.89	427	**	25	+125	-.02	+3	+6
03-23-60 126242 350027 1-71					7		10,281	3.96	407						
138032 GOLOEN BELLS ROYCE RULER.....*		5	10	3-31,42,	19	2.2	12,220	4.28	523	13	35	+203	+.05	+14	+17
10-01-59 129884 171788 5-71				84	7		11,580	4.18	484						
138037 C-LANE COL MASTER.....*		4	7	1-32	12	3.6	9,000	4.14	373	0	32	-744	+.03	-27	-42
07-23-58 127544 141710 5-71					7		11,198	4.07	456						
138150 V. 8. ROYAL CZAR.....*	35-03	8	10	3-35,41,	33	2.2	13,534	4.17	564	13	47	+387	+.03	+19	+26
03-30-60 76059 329564 5-71				42	16		12,770	4.13	527						
138211 8ONNIE MEADOWS CINOYS INFIELOE*		7	4	1-21	16	1.6	11,080	3.85	427	18	40	-408	-.01	-18	-26
09-25-60 114123 293098 5-71					8		12,081	3.91	472						
138251 NORVIC LILASON CHIP.....*	23-09	3	6	1-21	15	3.2	15,624	4.05	632	15	39	+454	+.02	+21	+29
08-06-60 131528 215464 5-71					12		14,704	4.00	588						
138316 AR8OR ROSE PUNCH POWER.....*		7	17	4-86,91,	30	1.4	13,693	4.16	569	18	34	-57	+.04	+2	0
12-04-59 116497 140757 5-71				92,93	34		14,046	4.07	572						
138317 AR8OR ROSE MAGIC 8INGO.....*		5	12	1-42	20	2.8	11,577	4.30	498	13	35	-734	+.05	-24	-39
05-01-60 132499 368157 5-71					17		13,853	4.18	579						
138319 NORVIC LILASONS CLARINO.....*		1	16	1-35	16	2.4	12,546	4.07	511	21	25	+126	-.02	+3	+6
06-12-60 131528 299755 5-71					13		12,018	4.18	502						
138407 WELCOME IN 8UCKEYE.....*		4	14	2-31,57	31	2.3	12,981	4.44	577	35	40	-365	+.11	-2	-11
07-29-60 121816 326762 5-71					28		14,084	4.22	595						
138408 WELCOME IN VISCOUNT.....*	21-10	98	4	11-12,13,	229	2.1	12,614	4.19	529	21	91	-246	+.14	+7	-1
07-14-60 121816 328187 1-71				21,22,23	12		12,961	4.05	525						
138410 WELCOME IN CAPTAIN.....*		3	10	2-31,34	14	1.6	10,197	4.02	410	29	26	-71	+.02	0	-2
07-29-60 124652 372061 5-71					9		10,284	3.95	406						
138488 WELCOME IN STANOOUT.....*		5	3	3-21,82,	10	1.4	12,673	4.25	538	60	31	-203	+.05	-2	-7
08-01-60 124652 220062 5-71				93	16		13,467	4.11	553						
138523 V.8. SIR OEMETRIUS.....*		5	24	2-33,57	33	3.1	11,533	4.21	485	3	36	-356	+.02	-12	-19
06-23-60 127854 294482 5-71					12		12,573	4.18	525						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	%	FAT	%	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$
138578 NORVIC ELLISON FOREMOST..... *		1	24	1-35	24	2.6	11,558	4.17	482		14	27	-178	+.06	0	-5
08-01-60 127854 214511 5-71					12		12,216	3.94	481							
138593 WARWICK FARMS NICK TAR..... *		1	23	1-31	23	3.1	10,501	4.25	446		7	28	-392	-.01	-17	-24
03-25-60 109191 109191 5-71					21		11,872	4.31	512							
138616 WELCOME IN MAGIC LANCER..... *		3	18	2-31,35	22	2.6	15,552	3.81	593		11	30	+639	-.08	+15	+29
12-02-60 135095 378431 5-71					14		13,535	4.06	550							
138624 WINTER KING SAMMIE..... *		1	21	1-93	21	2.1	12,474	3.58	447		13	25	-9	-.01	-1	-1
02-18-60 107915 362309 5-71					17		12,547	3.59	451							
138719 HAPPY OURS JESTER..... *		5	8	3-81,84,	27	1.6	13,231	4.01	530		10	43	-36	-.01	-3	-3
07-08-60 132966 333075 5-71				92	36		13,440	4.06	546							
138748 NORVIC LILASON-S ELOOIAN..... *		2	16	2-33,42	18	3.1	11,317	4.16	471		18	29	+20	-.01	0	+1
08-28-60 131528 308964 5-71					6		11,140	4.21	469							
138750 NORVIC LILASONS BEAUTICIAN.... *	21-10	73	7	11-13,14,	201	2.1	14,265	3.93	560		16	88	+879	-.13	+18	+38
08-28-60 131528 308965 5-71				16,21,23	16		13,379	4.07	545							
138783 WINDENOAK INVITATION..... *		3	12	2-13,34	16	2.2	11,881	4.03	479		33	28	-229	+.01	-8	-13
11-01-60 121816 323646 5-71					44		12,772	4.02	513							
138878 SHELBURNE DANGERS JACKSON..... *		4	16	3-13,16,	21	2.6	13,050	4.05	529		15	32	-143	-.01	-7	-10
11-11-60 128860 294329 5-71				23	51		13,651	4.12	562							
138939 HYCREST SOLOIER..... *	23-09	14	3	3-23,51,	24	2.1	12,073	4.12	498		25	55	-275	.00	-11	-16
02-18-61 107506 248893 5-71				52	8		12,620	4.15	524							
138941 HYCREST PERFECT..... *		3	11	2-33,86	15	2.4	10,418	4.00	417		20	28	-174	-.01	-8	-11
12-15-60 128446 252214 5-71					24		10,918	4.06	443							
138957 RIDGE MEADOWS AUTUMNS TOPPER.. *	21-10	32	2	8-11,12,	41	2.5	12,500	4.15	519		8	72	+49	+.08	+12	+11
05-23-60 107915 259627 5-71				13,21,23	9		12,457	4.05	504							
138973 ABOVE ACRES INSTRUCTOR MAN.... *		3	7	1-42	10	2.1	12,433	4.16	517		**	26	-109	+.03	-1	-4
07-24-60 121674 276981 5-71					13		12,926	4.10	530							
139036 LEES HILL NOBLEMAN S..... *	33-03	43	6	16-22,31,	81	1.4	13,715	4.19	575		17	72	-35	+.03	+2	+1
11-16-60 107915 174924 5-71				35,42,93	18		13,938	4.17	581							
139037 LEES HILL REGAL FATALIST..... *		1	15	1-57	15	2.1	13,191	3.93	519		27	24	+82	+.01	+4	+5
12-20-60 131096 335061 5-71					11		12,918	3.90	504							
139068 V. B. RAVEN PROFILE..... *	61-02	62	4	12-31,33,	163	1.9	11,350	4.12	468		26	87	-825	+.01	-32	-48
11-06-60 112216 217677 5-71				42,81,84	12		12,307	4.12	507							
139124 LOGAN VALLEYS ADVANCER J..... *		7	6	3-35,42,	18	2.6	11,927	3.76	449		0	42	-147	-.03	-9	-11
10-28-60 125472 189123 5-71				51	21		12,291	3.83	471							
139126 WELCOME IN BANNER..... *	35-21	30	5	6-33,35,	75	1.9	11,294	3.96	447		28	74	-802	-.01	-33	-48
11-11-60 121816 210247 5-71				41,42,46	14		12,401	3.98	494							
139127 WELCOME IN MOONLIGHT..... *		10	31	5-31,32,	83	1.8	12,800	4.27	547		9	49	-458	+.09	-8	-19
10-30-60 121816 325683 5-71				35,42,84	13		13,917	4.12	574							
139158 JUODS BRIDGE ROWES SUPREME.... *		6	5	3-13,21,	13	2.5	14,619	3.97	580		18	35	+581	-.04	+18	+30
04-29-60 131243 337835 5-71				22	46		13,027	4.08	531							
139161 SULTANS PRINCE PAUL..... *		4	25	2-47,48	34	2.3	12,467	4.34	541		4	33	-147	+.09	+5	0
08-02-60 119405 221540 5-71					8		12,990	4.07	529							
139202 ENGLISHS CHARMING BILL..... *		3	8	1-31	11	2.1	14,774	4.07	602		0	27	+492	.00	+20	+29
07-26-60 121816 342149 5-71					20		13,003	4.08	531							
139232 WHITE CLOUDS LARRY IMPERIAL... *		2	9	2-21,22	11	3.1	14,074	4.03	567		9	27	-11	.00	0	0
12-13-60 118913 284581 5-71					9		14,334	4.03	578							
139273 ROLLING MEADOWS ALARIC..... *	35-75	3	13	3-23,31,	17	3.1	16,715	4.20	702		12	30	+705	-.04	+23	+37
07-31-60 127208 167170 5-71				52	13		14,597	4.38	639							
139282 MEADOW VIEW CLIPPER DESTINY... *	35-05	11	11	4-33,35,	31	2.0	13,746	3.95	543		11	44	+260	-.05	+4	+10
11-17-60 117638 383497 5-71				41,42	11		13,257	4.06	538							
139283 MEADOW VIEW RHOMASTER..... *	35-21	9	5	6-42,43,	22	2.1	13,684	4.07	557		5	48	+441	.00	+18	+26
07-06-60 128335 361718 5-71				47,51,84	16		12,818	4.07	522							
139286 O.S. ROYAL BELLES CHARM..... *		1	18	1-32	18	2.7	13,519	4.08	551		8	27	+176	-.01	+6	+10
02-19-61 121816 368965 5-71					19		12,927	4.12	533							
139287 POLLY ANNS CHARMER..... *		6	2	3-82,86,	11	1.6	13,507	4.11	555		14	36	-2	+.03	+3	+2
10-19-60 121816 344863 5-71				93	17		13,661	4.05	553							
139349 ACTIVE ACRES BETSYS ACTOR..... *		1	13	1-52	13	1.0	10,346	4.00	414		**	19	-189	+.01	-6	-10
12-20-60 135681 367197 5-71					26		11,248	3.97	446							
139380 SEPTANAS SIR LANCELOT..... *	91-01	8	5	3-91,92,	16	1.8	12,003	3.87	465		**	39	-813	-.04	-37	-52
09-26-60 109152 210155 5-71				96	4		14,325	4.00	573							
139536 NORVIC LILASONS LOMAR..... *	35-05	31	9	6-23,33,	81	2.0	12,913	4.04	522		8	70	+274	-.06	+4	+10
02-04-61 131528 344691 5-71				35,41,42	14		12,559	4.13	519							
139591 LEES HILL SOCRATES S..... *	23-13	49	6	12-31,34,	122	1.9	12,261	4.00	490		15	81	+149	-.08	-4	+1
11-08-60 107915 267816 5-71				51,52,57	15		12,062	4.12	497							
139596 LEES HILL REGAL MONOGRAM..... *		3	5	2-21,22	10	2.7	14,070	4.34	611		22	31	-47	+.05	+4	+2
02-28-60 131096 284022 5-71					12		14,454	4.23	611							
139597 LEES HILL REGAL SPARTAN..... *	91-11	26	5	7-35,42,	62	1.9	11,428	4.15	474		12	71	-50	+.06	+5	+3
09-08-60 131096 346972 5-71				46,47,61	10		11,421	4.06	464							
139618 NORVIC LILASONS LONANCE..... *	35-05	2	27	1-42	29	2.6	13,394	4.02	539		7	29	+263	+.02	+13	+18
01-01-61 131528 365779 5-71					11		12,524	3.95	495							
139627 V. B. MILORD BRYAN..... *		2	9	1-32	11	1.1	9,459	3.95	374		29	21	-410	+.02	-14	-22
05-19-61 136141 343017 5-71					7		11,381	3.91	445							
139631 V. B. SIR PARAGON..... *	35-21	6	19	3-41,43,	28	2.3	13,634	4.01	547		9	33	+363	-.02	+12	+19
01-17-61 127854 316488 5-71				46	7		12,577	4.09	514							
139665 BRIGHTS ELAIM SUPREME..... *		2	11	1-42	21	2.5	12,535	3.92	491		6	37	+112	+.01	+6	+8
09-11-60 110327 290347 5-71					18		12,238	3.87	474							
139680 CHARMAINES MASTER COLONEL..... *		6	12	5-31,33,	20	4.2	12,507	4.11	514		0	38	+12	+.02	+3	+3
11-10-59 114123 251627 5-71				52,57,58	13		12,505	4.06	508							
139681 HAWTHORNE RAVEN SKY ROCKET.... *		5	9	2-48,74	17	2.5	12,679	4.09	519		0	35	-46	+.01	-1	-2
12-04-60 112216 342586 5-71					26		12,882	4.10	528							
139692 BRIGHTS DONAVON E..... *		2	9	1-42	17	2.5	11,392	4.13	470		31	35	+61	+.03	+6	+7
10-11-60 110327 290341 5-71					5		11,108	4.03	448							
139764 OSTVALS PROFESSORS INFIELDER.. *		2	10	1-42	12	2.7	11,178	3.96	443		0	26	+142	+.02	+8	+1
02-15-60 85732 344252 5-71					11		10,465	3.88	406							

REGISTRATION NUM8ER NAME OF 8ULL	STUO COOE	NUM8ER OF HEROS	EFF OAU /HO	STATES NO- WITH MOST OAUS	... OAUGHTERS ANO HERDMATES ... OAUS HM/DAU	REC/DAU HEROMATE	MILK	%	FAT	% 1ST INC	REPT %	PREOICTEO OIFFERENCES MILK	%	FAT	$$
139774 8RAO-LOU KAYAKS FRISKY.....*		2	26	2-72,74	30	2.6	13,353	4.09	546	4	30	+170	+.01	+8	+11
02-11-60 99252 264393 5-71					20		12,855	4.05	521						
139783 TUOLUMNE ERIK.....*		2	53	1-93	55	3.0	14,271	4.18	597	2	31	+72	-.02	0	+2
03-14-61 134206 355013 5-71					29		14,243	4.30	612						
139789 WELCOME IN LI8ERAL.....*		2	11	2-32,34	13	1.3	10,245	4.18	428	11	22	-399	+.03	-12	-20
02-04-61 135095 378439 5-71					37		12,041	4.04	487						
139791 WELCOME IN CHARTER.....*	34-01	26	4	6-31,32,	58	2.0	10,735	4.05	435	20	72	-678	+.03	-24	-38
02-19-61 135095 326761 5-71				34,43,63	13		11,627	4.02	467						
139840 WILLOW 8RIDGE SARAHS INFIELOER*		2	20	1-32	22	3.0	13,680	4.49	614	18	29	-20	+.11	+12	+9
03-08-59 114123 166317 5-71					9		13,926	4.17	581						
139898 GOLOEN 8ELLS CASA.....*		1	22	1-46	22	3.0	11,454	4.43	507	0	28	-246	+.07	-2	-8
02-07-60 122843 331558 5-71					5		12,367	4.21	521						
139957 GOLOEN 8ELLS JANCE.....*		3	7	1-42	10	2.2	13,725	3.89	534	13	26	-2	.00	0	0
08-16-60 129884 297295 5-71					9		13,907	3.90	543						
139995 G.F. HIGHLANOER.....*		4	7	3-31,33,	12	2.1	12,574	3.97	499	18	29	+121	-.02	+3	+6
05-07-60 128899 263369 5-71				34	38		12,146	4.02	488						
139998 WELCOME IN JUPITER.....*		8	2	1-42	11	2.0	10,414	4.03	420	22	39	-209	.00	-8	-12
03-10-61 124652 342766 5-71					9		10,818	4.04	437						
140021 WELCOME IN OREAMER.....*		6	7	4-31,32,	20	1.4	10,778	4.06	438	43	37	-752	-.02	-32	-46
03-27-61 121816 365391 5-71				35,57	20		12,880	4.13	532						
140023 WELCOME IN STYLISH.....*		7	9	5-84,86,	22	2.4	14,343	3.98	571	**	40	+254	-.02	+8	+13
03-28-61 135095 378423 5-71				91,92,93	59		13,878	4.03	559						
140025 WELCOME IN JOANS SUPREME.....*		5	24	3-16,21,	31	2.4	14,421	4.08	588	17	32	+119	.00	+5	+7
04-05-61 124652 177754 5-71				31	23		14,250	4.09	583						
140076 HAPPY OURS LAOOS TAMARINO.....		1	18	1-84	18	3.6	13,210	4.07	537	17	27	+130	-.03	+2	+5
09-09-58 76059 286318 5-71					15		12,794	4.17	533						
140077 ALFALFA MEAOOWS SUPREME O.....*		3	26	1-48	44	2.1	11,336	4.02	456	8	37	-261	+.02	-8	-13
10-29-59 112216 317216 5-71					8		12,030	3.99	480						
140119 HIGH MAPLES SULTAN.....*		7	2	4-35,51,	10	2.6	11,715	4.11	482	**	37	-257	+.02	-8	-13
07-28-60 124652 357369 5-71				52,57	10		12,437	4.08	507						
140167 8OONOOCKS CHARMER 8EAUREGARO..*		6	20	2-57,58	38	2.5	14,027	3.69	517	0	41	+266	-.07	+2	+9
08-26-60 121816 323434 5-71					21		13,500	3.81	515						
140226 8RIGHTS ELAIM SANOY.....		1	23	1-42	23	2.7	9,489	3.95	375	0	27	-121	.00	-5	-7
05-19-61 110327 290342 5-71					9		9,682	3.99	386						
140291 WALHALLA MAESTRO MOHAWK.....*		4	20	3-13,14,	29	2.4	12,946	4.19	543	24	33	-117	+.02	-2	-5
04-18-61 128250 299739 5-71				21	51		13,428	4.16	558						
140296 OSTVALS NA8O8S HARMONY.....*		2	14	2-35,41	16	2.1	10,832	4.08	442	42	25	-88	.00	-4	-6
04-01-61 102073 317219 5-71					8		11,073	4.13	457						
140360 LEES HILL REGAL 8AOGER.....*	23-11	32	5	14-12,22,	75	2.0	11,653	4.10	478	20	75	-527	+.05	-15	-26
10-18-60 131096 340028 5-71				23,32,52	9		12,371	4.04	500						
140365 MARY LES OOLLS TIPTON.....*		4	4	1-33	12	3.5	13,086	4.16	545	0	39	+330	+.03	+17	+23
07-05-61 136491 361986 5-71					8		12,236	4.11	503						
140390 8RIGHTS K E.....*		5	9	2-48,73	16	2.3	14,272	4.15	592	0	33	+610	.00	+25	+37
08-23-61 110327 346535 5-71					24		12,416	4.16	517						
140427 MILKY WAY SHANES ATLAS.....*		1	21	1-81	21	2.1	16,156	4.18	676	**	25	+297	+.02	+15	+20
09-25-61 134723 396383 5-71					12		15,297	4.13	632						
140433 G.W.S. MASTER MAN.....*	91-11	9	2	2-33,42	14	1.8	11,204	4.02	450	**	44	-207	.00	-8	-12
02-13-61 125242 257806 5-71					8		11,619	4.04	469						
140446 SUGAR VALLEY FAIR TIME.....*		2	8	2-31,57	10	3.8	12,867	4.29	552	0	27	+150	-.01	+5	+8
08-04-61 107915 305832 5-71					6		12,327	4.36	538						
140503 NORVIC SUNWISE LEAOER.....*		5	10	2-35,42	29	1.7	10,760	4.18	450	21	43	-717	+.04	-24	-39
05-13-61 124402 377092 5-71					13		12,456	4.09	509						
140518 LEES HILL RIVAL O.....*		9	2	6-16,21,	13	1.3	13,401	4.18	560	**	39	+434	+.07	+26	+33
09-10-60 133725 290401 5-71				22,23,58	16		12,307	4.02	495						
140540 WELCOME IN 8ACKGROUNO.....*	93-03	5	3	2-86,93	10	1.7	15,851	4.06	644	17	33	+372	.00	+15	+22
07-11-61 121816 326762 5-71					32		15,001	4.07	611						
140560 OHIO CHARMING PATRIARCH.....*		1	28	1-31	28	2.9	12,350	4.58	566	4	28	-240	+.06	-3	-9
08-04-60 121816 345024 5-71					7		13,314	4.44	591						
140615 PENNVIEW MAX R.8.....*		3	4	2-31,32	10	2.0	12,175	3.84	467	**	30	+172	-.06	0	+4
11-09-60 123323 345746 5-71					21		11,537	4.07	469						
140640 8OONDOCKS JUNE RAIN8OW.....*		7	2	3-52,56,	11	3.1	13,811	3.82	528	30	41	+162	-.04	+2	+6
12-14-59 91845 241241 5-71				57	20		13,545	3.89	527						
140678 SPRING VALLEY 8RUTUS.....*		9	2	3-35,42,	17	2.2	12,402	4.03	500	**	48	+124	+.01	+6	+8
12-27-60 134163 209058 5-71				86	12		12,137	4.01	487						
140680 8ENEVOLAS MOLLIES COLONEL.....*		6	8	2-51,54	19	2.3	10,418	4.37	455	**	38	-395	+.08	-7	-16
12-11-60 116376 258555 5-71					19		11,387	4.16	474						
140685 NEEOMOR SUN 8ARON.....*		4	11	3-22,50,	16	2.8	12,590	4.51	568	0	31	+124	+.09	+16	+16
04-04-61 107915 257934 5-71				51	32		12,193	4.26	520						
140733 SUSIES 8ILLY 8OY.....*		1	12	1-23	12	1.5	6,132	4.13	253	38	21	-778	.00	-31	-46
07-27-60 134008 245339 5-71					8		9,617	4.16	400						
140762 GREAT SOUTHERN C LAO.....*		5	18	2-72,74	27	2.1	12,838	3.78	485	0	32	+108	-.04	0	+3
02-09-60 121816 282151 5-71					12		12,537	3.85	483						
140766 RHOOOOENORON CARRIER.....*		2	16	1-32	18	1.6	14,487	4.00	580	19	25	+67	+.01	+4	+5
11-01-61 134071 325306 5-71					16		14,438	3.97	573						
140874 WELCOME IN KENWOOO.....*		11	3	8-22,33,	17	1.7	10,864	4.26	463	33	44	-679	+.07	-19	-33
09-26-61 121816 291211 5-71				35,47,81	13		12,418	4.11	511						
140875 WELCOME IN KLONOIKE.....*		6	19	2-35,74	35	1.9	12,619	3.81	481	9	38	-102	+.03	-1	-3
09-26-61 121816 291211 5-71					24		12,971	3.74	485						
140878 WELCOME IN CYCLONE.....*		2	14	1-41	16	2.0	12,188	3.90	475	36	25	-141	+.01	-5	-8
09-08-61 124652 377139 5-71					7		12,809	3.90	500						
140879 WELCOME IN CAMELOT.....*		3	7	3-34,43,	14	1.6	11,679	3.92	458	14	31	-246	-.02	-12	-16
09-27-61 124652 372061 5-71				46	16		12,517	3.99	500						
140881 WELCOME IN TREASURE.....*		4	7	1-35	12	1.8	12,299	4.23	520	38	28	-59	+.04	+2	0
09-29-61 124652 342755 5-71					11		12,548	4.10	514						

REGISTRATION NUM8ER NAME OF 8ULL	STUO COOE	NUM8ER OF HEROS	EFF OAU /HO	STATES NO- WITH MOST OAUS	... OAUGHTERS ANO HEROMATES ... OAUS HM/OAU	REC/OAU HEROMATE	MILK	%	FAT	% 1ST INC	REPT %	PREOICTEO OIFFERENCES MILK	%	FAT	$$
140897 V. 8. AUTUMN HORIZON.....*		1	23	1-42	23	1.8	12,719	4.04	514	10	25	-103	+.02	-2	-4
08-09-61 107915 333843 5-71					5		13,237	4.00	530						
140927 PAULINES OUKE MASTER.....*		2	9	1-93	12	2.6	14,705	3.86	568	17	28	-38	.00	-2	-3
09-19-61 133645 363099 5-71					5		15,141	3.90	590						
140930 NORVIC LILASONS LORRY.....*		6	4	2-42,58	13	1.5	11,265	4.08	460	45	34	-383	+.05	-10	-18
08-05-61 131528 262645 5-71					14		12,436	3.96	492						
141038 LOVES MARJORIE OMAHA 8EACH....*		3	19	1-42	24	2.3	12,487	3.86	482	15	30	+4	-.03	-4	-3
07-06-61 125473 322555 5-71					6		12,504	3.99	499						
141064 SCHMIOTS HILL OESTINY OON.....*		1	10	1-42	10	2.0	13,263	3.99	529	**	22	+335	-.01	+12	+19
10-02-61 118619 308276 1-71					11		11,689	4.05	473						
141075 LARCH GROVE 8EULAHS 80 R.R....*		2	19	2-33,74	21	1.7	9,754	3.88	378	43	25	-301	+.01	-11	-17
12-04-61 137736 323531 5-71					9		10,804	3.88	419						
141117 GRANTSTEAOS 8UCCANEER.....*		4	7	4-31,32,	15	1.8	11,939	4.13	493	0	32	-162	+.05	0	-4
05-19-61 128917 371083 5-71				57,74	21		12,474	3.99	498						
141132 GRA8ERS PLEASANT NEO.....*		2	6	1-46	10	2.6	11,159	4.31	481	20	29	-20	+.03	+3	+2
04-17-61 132841 342725 5-71					15		11,125	4.20	467						
141179 REOOINGS TEMPEST.....		3	7	1-32	10	1.3	11,907	3.93	468	25	23	+191	-.01	+7	+11
04-20-61 116273 360024 9-70					5		10,948	3.93	430						
141229 OAR8YLANO NICK.....*		1	11	1-31	11	2.1	10,678	3.97	424	13	23	+256	-.01	+9	+14
09-16-60 121816 359895 5-71					5		9,261	4.04	374						
141344 LEES HILL REGAL GENTRY.....*		2	6	1-51	11	3.2	13,165	3.99	525	10	32	+435	-.06	+10	+20
10-11-61 131096 365028 5-71					19		11,780	4.20	495						
141351 SCOTWOOO NATURAL TARZAN.....*		1	10	1-48	10	1.8	9,647	3.77	364	33	21	-197	-.02	-10	-13
12-19-61 116769 279595 5-71					15		10,428	3.91	408						
141438 8OONOOCKS KAYAK TOMAHAWK.....		1	11	1-57	11	2.4	12,594	3.90	491	36	22	-47	+.02	+1	0
02-27-61 99252 326037 5-71					11		12,878	3.79	488						
141473 SPRING VALLEY OUO.....*		4	5	2-35,73	13	1.6	11,588	4.05	469	**	32	-144	+.02	-3	-6
06-02-61 135459 271529 5-71					10		12,021	3.98	479						
141491 LA RAIN8OW TAMACZAR.....*		2	21	2-31,57	23	2.0	12,347	4.42	546	9	27	-36	+.05	+5	+3
09-21-61 76059 318382 5-71					7		12,518	4.25	532						
141503 LEES HILL MUSCOVITE.....*		1	17	1-23	17	2.9	13,121	4.44	583	0	27	+106	+.05	+10	+11
10-22-61 138073 392633 5-71					9		12,780	4.32	552						
141580 CONCORO OEAN IOEAL.....*		4	6	1-52	19	2.7	12,579	4.23	532	0	43	-14	+.09	+10	+8
10-09-61 136910 245768 5-71					14		12,659	4.04	511						
141588 HAWTHORNE SUN ROCKET.....*	21-10	48	2	6-12,13,	83	1.9	11,839	4.05	479	34	81	-636	-.01	-27	-39
02-27-62 107915 235482 5-71				16,21,22	12		12,673	4.07	516						
141625 LOGAN VALLEYS AORIAN J.....*	35-21	3	35	1-47	39	1.7	12,783	4.16	532	14	28	-77	.00	-3	-4
10-08-61 125472 253236 1-71					12		13,156	4.19	551						
141626 LOGAN VALLEYS GERARO J.....*		2	16	1-84	18	2.1	11,095	4.13	458	9	27	-175	-.02	-9	-12
07-04-62 125472 381786 5-71					23		11,698	4.23	495						
141632 WHITE CLOUO IVETTAS LAOOIE....*		3	14	3-22,31,	18	2.5	17,274	4.15	717	6	30	+446	-.06	+10	+20
04-29-62 131528 296971 5-71				84	16		16,158	4.36	705						
141670 .....*		2	10	1-21	12	2.3	14,612	4.25	621	9	26	+120	+.03	+9	+11
5-71					17		14,363	4.16	598						
141679 C. 8. SIR PROFESSOR.....*		2	15	2-32,35	17	1.5	11,603	3.94	457	12	24	-84	-.01	-4	-5
05-01-62 128656 303245 1-71					14		11,937	4.00	478						
141703 OSTVALS PRINCE GRENAOIER.....*		4	8	1-35	15	2.1	8,820	4.14	365	0	32	-367	+.03	-11	-19
11-25-60 116269 356770 5-71					9		9,726	4.05	394						
141708 MEADOW VIEW OESTY RAJAH.....*		1	27	1-42	27	1.5	12,025	4.16	500	27	24	+70	-.02	0	+2
06-25-61 118619 361718 5-71					18		11,680	4.28	500						
141750 WELCOME IN MIONIGHT.....*	34-01	73	4	17-31,34,	161	1.5	11,676	4.06	474	20	87	-614	.00	-25	-37
01-15-62 121816 325683 5-71				35,41,48	12		12,405	4.08	506						
141751 WELCOME IN MAINSTAY.....*		2	7	1-35	10	2.1	10,398	4.00	416	**	26	-205	+.02	-6	-10
02-13-62 124652 375625 5-71					10		11,084	3.95	438						
141755 WELCOME IN FONO MYSTERY.....*		2	21	1-31	23	2.0	9,222	4.09	377	30	27	-345	.00	-14	-21
03-17-62 135098 386146 5-71					19		10,315	4.15	428						
141756 WELCOME IN FOREMOST.....*		7	4	7-31,33,	14	1.9	11,998	3.83	459	20	39	-9	-.05	-6	-5
03-18-62 121816 377140 5-71				35,42,52	12		12,003	3.95	474						
141757 WELCOME IN FONO OELUXE.....*	61-02	7	2	3-31,33,	13	1.6	12,945	3.89	504	9	39	+87	-.06	-4	-1
04-12-62 135098 326763 5-71				61	17		12,781	4.07	520						
141758 WELCOME IN LEGACY.....*		2	18	1-41	20	1.9	12,649	4.37	553	32	26	+63	+.06	+10	+10
04-14-62 121816 378439 5-71					15		12,428	4.15	516						
141760 WELCOME IN VIRGINIAN.....*		4	5	2-31,58	14	1.7	12,060	4.13	498	31	34	-331	.00	-13	-19
04-27-62 121816 212772 5-71					12		13,129	4.15	545						
141761 WELCOME IN CHIEFTAIN.....*	41-01	20	2	7-41,42,	32	1.3	11,443	4.12	472	23	59	-243	+.05	-4	-10
05-11-62 121816 326761 5-71				45,48,92	10		11,820	4.05	479						
141776 MEAOOW VIEW KREST.....*	35-75	3	27	2-34,42	31	2.2	14,386	3.90	561	14	29	+500	-.06	+12	+23
09-12-61 137484 383496 5-71					10		12,731	4.12	525						
141777 NORVIC LILASONS INCONFIOENCE..*	91-11	17	2	6-31,32,	28	1.7	13,496	4.02	542	4	59	+979	-.03	+35	+54
10-04-61 131528 288214 5-71				35,42,58	13		11,793	4.08	481						
141778 NORVIC LILASONS MARVEL.....*		9	4	4-35,41,	21	2.0	11,806	4.16	491	22	48	-90	+.05	+2	-1
02-09-62 131528 344691 5-71				61,74	10		11,971	4.07	487						
141783 8LACKLANO 8LOSSOM APOLLO LIEGE*		4	23	2-33,57	29	1.5	11,845	4.34	514	17	28	-157	+.05	0	-4
09-09-61 136139 310406 5-71					13		12,434	4.19	521						
141817 FOUNTAIN CREEK MONARCH.....*		2	22	2-33,64	24	2.1	11,808	4.01	474	10	28	-276	-.01	-12	-17
03-09-62 114123 205548 5-71					15		12,874	4.06	523						
141843 NORVIC LILASONS LONATE.....*	35-05	3	20	2-42,86	25	2.0	13,452	4.42	595	4	30	+301	+.06	+19	+24
02-02-62 131528 365779 5-71					10		12,473	4.31	537						
141857 LEES HILL REGAL GUAROIAN.....*		3	9	3-35,41,	13	1.9	12,809	3.90	499	25	26	-110	-.03	-8	-9
09-04-61 131096 365030 5-71				42	5		13,349	4.02	537						
141907 LAR-LES GERONIMO.....*		4	8	3-32,48,	15	2.0	15,468	3.93	608	8	31	+594	-.04	+19	+31
02-27-62 138611 296081 5-71				52	12		13,700	4.04	553						
141966 INFIELOERS KEEPER.....		1	12	1-33	12	2.0	11,087	4.02	446	36	23	-119	-.03	-8	-10
02-06-59 114123 286510 5-71					5		11,557	4.21	486						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... OAUS HM/OAU	REC/OAU HEROMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
142076 BROOKLAWNS JERRY.....		8	2	3-32,33,	12	1.3	12,227	4.33	530	8	37	-395	+.11	-3	-13
01-01-62 131645 379826 1-71				86	29		13,428	4.07	547						
142099 CORRELATIONS RAINBOW BANNER...		1	15	1-41	15	2.1	11,384	3.94	448	29	24	-426	-.01	-18	-26
04-07-62 134552 293394 5-71					9		13,271	4.00	531						
142101 WHITE CLOUD LARRYS JUPITER....		2	8	1-42	10	3.0	13,827	4.13	571	0	26	+406	+.01	+18	+25
07-12-62 118913 285798 5-71					13		12,294	4.12	506						
142213 MIDOLEPEN DESTINY DUKE.....		3	8	3-56,57,	18	2.2	11,902	3.92	466	0	36	-1	+.01	+1	+1
08-03-62 118619 399479 5-71				58	34		11,876	3.86	459						
142224 LEES HILL REGAL ROBIN HOOD....		6	15	3-21,22,	28	1.6	13,132	4.04	530	36	35	-260	+.01	-9	-14
04-11-62 131096 317544 5-71				52	14		14,067	4.02	566						
142259 HEFTYS CLIPPER TOM.....		1	10	2-42,46	10	2.5	12,413	3.64	452	0	23	+176	-.06	0	+5
10-08-61 117638 349002 5-71					5		11,577	3.89	450						
142274 HAWTHORNE IDEAL SELECT.....		2	21	1-23	23	2.1	12,006	4.08	490	17	28	-391	+.02	-13	-21
04-23-62 105449 281023 5-71					13		13,568	4.03	547						
142276 LUE-DELLS ALVAH.....		2	7	2-41,46	10	1.2	8,823	3.76	332	30	22	-568	-.02	-25	-35
03-25-62 116769 238424 9-70					12		11,284	3.92	442						
142335 V.B. SIR SUPERIOR.....		3	26	3-35,48,	30	1.7	12,088	3.93	475	7	28	-150	+.05	0	-4
04-22-62 127854 356194 5-71				73	20		12,680	3.76	477						
142342 MEADOW VIEW RHYTHM.....		3	5	2-42,47	11	1.2	9,389	3.94	370	67	26	-90	-.03	-7	-8
03-30-62 128335 383491 9-70					10		9,461	4.11	389						
142382 SHELBURNE DESTY LANCELOT.....		2	9	2-13,23	11	2.2	15,015	4.16	625	9	25	+383	+.02	+18	+25
08-23-62 118619 399472 5-71					63		13,589	4.11	559						
142426 NEEDMOR REGAL DESIGN.....		5	4	2-23,55	13	2.2	14,255	4.30	613	0	37	+381	+.09	+27	+32
07-28-62 137095 384154 5-71					8		13,335	4.09	545						
142469 DAYS BUNNIES TARZAN.....		2	14	2-48,64	16	1.6	11,161	3.60	402	25	24	-159	-.04	-11	-13
09-17-62 116769 296034 5-71					19		11,784	3.80	448						
142491 WELCOME IN SPARTAN.....		10	2	7-33,35,	15	1.9	11,587	4.00	464	10	44	+94	+.01	+5	+7
02-02-62 124652 386154 5-71				42,43,73	12		11,281	3.97	448						
142503 OSTVALS NABOBS MAJOR.....		2	14	1-63	16	1.8	10,399	3.62	376	0	25	+25	-.03	-3	-2
11-18-61 102073 317452 5-71					5		10,091	3.80	383						
142561 PORT-HAVEN PILOTS PRINCE.....		4	7	1-41	12	1.9	12,130	4.19	508	10	29	-230	+.04	-5	-10
10-12-60 135324 285383 5-71					9		13,018	4.11	535						
142590 MEADOW VIEW DESTINY ALLAN.....		4	9	1-42	16	2.4	10,483	4.22	442	0	33	-202	+.04	-3	-8
12-08-61 118619 396591 5-71					15		10,976	4.11	451						
142622 WELCOME IN FOND COLONEL.....		3	11	2-47,48	19	1.5	10,942	4.07	445	28	31	-585	.00	-23	-34
10-17-62 135098 372061 5-71					13		12,916	4.06	525						
142650 V. B. SIR TARTAR.....		6	11	4-32,33,	25	1.9	12,972	3.72	482	0	38	-342	-.04	-19	-25
07-01-62 127854 253318 5-71				34,61	8		14,055	3.84	540						
142675 WELCOME IN MERCER.....		3	11	2-31,58	15	2.2	15,717	4.02	632	0	28	+710	.00	+28	+42
09-11-62 124652 309153 5-71					12		13,299	4.04	537						
142705 KA WA DUBLIN.....		2	7	1-32	13	2.0	14,006	4.15	581	0	31	+361	.00	+15	+22
07-08-62 137467 404027 5-71					10		12,907	4.15	536						
142759 WILLOW BRIDGE ROSES CAPTAIN...	61-02	9	6	3-33,35,	24	2.0	13,787	3.79	522	5	46	+340	-.11	0	+9
01-17-61 135479 163866 5-71				84	12		13,132	4.01	527						
142817 FULLPAIL GLAMOUR SQUIRE.....		1	19	1-92	19	2.1	15,466	4.10	634	8	26	+80	+.01	+5	+6
04-23-62 126599 318837 5-71					25		15,482	4.05	627						
142848 LEES HILL REGAL RUBICON.....	51-02	49	6	11-22,23,	122	1.6	11,833	4.08	483	25	80	-596	-.02	-26	-37
12-14-62 131096 174924 5-71				31,51,52	18		12,618	4.11	519						
142882 HAWTHORNE CONCENTRATION JERRY.		1	12	1-52	12	1.1	11,132	3.79	422	0	19	-7	-.03	-4	-4
10-06-62 125472 249240 5-71					25		11,060	4.01	444						
142946 SLEEPY MEADOWS SIRS SUPREME...		1	12	1-92	12	1.8	14,755	3.88	573	25	22	-113	-.05	-10	-11
02-05-63 139380 318025 5-71					27		15,615	4.08	637						
142966 G. W. S. MASTER DON.....		4	33	3-42,72,	39	2.6	12,510	3.96	495	6	32	+1	+.01	+1	+1
12-25-61 125242 280621 5-71				84	23		12,539	3.93	493						
142983 BRIGHTS PARAMOUNT L.....		1	13	1-42	13	2.2	10,813	4.02	435	18	24	-179	+.03	-3	-7
04-06-62 127953 380615 5-71					9		11,494	3.88	446						
143012 ROYAL GAILS MARK.....		1	20	1-47	20	1.9	7,916	3.99	316	29	25	-392	+.03	-12	-20
05-30-60 109762 339006 5-71					14		9,213	3.87	357						
143032 WILLIS MELONEY ALVIN.....		1	12	1-42	12	2.3	11,122	4.01	446	0	23	+25	-.03	-3	-2
09-09-62 136140 346535 5-71					6		10,885	4.24	462						
143038 JOES LADY CHARMER.....		1	26	1-43	26	1.7	7,795	4.09	319	12	25	-215	.00	-9	-13
08-22-62 141481 431935 5-71					10		8,275	4.19	347						
143048 BRIGHTS BELAIR E.....		4	24	1-42	30	2.5	11,629	3.96	460	19	32	-23	-.02	-3	-3
04-08-62 110327 329033 5-71					8		11,651	4.04	471						
143077 BENEDALE GINGERS DYNAMIC.....	21-10	18	2	5-12,13,	24	1.4	12,128	4.08	495	26	55	-287	+.05	-5	-12
03-17-63 124652 278965 5-71				16,21,22	13		12,698	4.00	508						
143094 OSTVALS PRINCE CADET.....		1	25	1-41	25	2.0	10,016	3.96	397	10	26	-321	.00	-13	-19
06-27-61 116269 279737 5-71					8		11,161	3.99	445						
143103 NAKOTA JARED LUCKY.....	41-01	17	3	9-41,42,	32	1.4	13,153	4.03	530	25	58	+202	-.02	+6	+10
01-04-63 125472 397825 5-71				45,46,92	7		12,873	4.06	523						
143136 WHITE CLOUD LARRYS HARMONY....	23-09	9	4	1-23	23	2.3	12,775	4.11	525	5	52	+192	+.02	+10	+13
11-18-62 118913 199840 5-71					10		12,424	4.08	507						
143173 MEADOW VIEW DESTINY LINN.....		3	11	2-42,72	16	2.1	13,718	3.61	495	8	30	+392	-.08	+6	+15
06-25-62 118619 331280 5-71					5		12,439	3.82	475						
143250 WELCOME IN FOND JESTER.....		1	24	1-31	24	1.6	13,931	4.01	558	27	24	+138	-.02	+3	+6
09-21-62 135098 405610 5-71					14		13,485	4.09	552						
143321 LEES HILL REGAL SYMBOL.....	41-01	22	5	8-41,45,	57	1.1	11,689	4.17	487	30	65	-872	+.09	-25	-43
09-08-62 131096 346972 5-71				48,84,91	13		13,136	4.04	531						
143322 LEES HILL SOVEREIGN ADAGIO....		2	9	2-13,21	11	1.9	13,699	4.19	574	18	24	-249	+.07	-2	-8
12-11-62 137095 365031 5-71					15		15,027	3.97	597						
143341 HAWTHORNE AUTUMN SUNRISE.....		1	13	1-34	13	1.8	14,115	4.04	570	17	22	+165	+.02	+9	+12
12-06-62 107915 249239 5-71					13		13,500	3.97	536						
143405 PENN ACRES SUPREME MARK.....		4	4	2-23,57	14	1.6	12,768	3.87	494	8	37	+92	-.07	-5	-2
11-24-62 124652 349225 5-71					7		12,555	4.09	513						

REGISTRATION NUMBER NAME OF 8ULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
143410 CORRELATIONS ENSIGNS KNIGHT...*		2	12	1-41	14	1.3	11,971	4.07	487		54	23	-195	+.01	-7	-11
02-26-63 129686 372335 5-71					8		12,912	4.07	526							
143565 JILLS PRINCE CAPTAIN.....		1	15	1-42	15	1.9	10,773	3.87	417		22	23	-40	.00	-1	-2
05-02-62 133176 434522 5-71					2		10,809	3.87	418							
143596 MEADOW VIEW DESTINY ANDY.....		1	11	1-41	11	1.3	10,509	3.83	403	**	20		-113	.00	-5	-7
12-26-62 118619 396591 9-70					10		10,968	3.88	426							
143608 WELCOME IN CLASSIC.....*	31-02	58	6	13-31,43,	157	1.5	11,546	4.09	472		22	84	-940	+.05	-32	-51
05-20-63 121816 220062 5-71				56,58,72	12		12,725	4.04	514							
143610 WELCOME IN 8RIGHT STAR.....*		3	12	3-22,35,	25	1.5	13,070	4.21	550		14	36	+59	-.02	0	+2
03-08-63 121816 391590 5-71				51	28		12,985	4.30	559							
143612 WELCOME IN STRETCH.....*	33-03	4	45	2-31,86	54	1.7	15,690	4.21	661		2	30	+570	-.01	+22	+33
07-15-62 137399 357372 5-71					25		13,968	4.29	599							
143636 ARTHURST SUPREME LEN.....*		2	10	1-41	12	1.3	12,591	4.01	505		0	22	+54	-.04	-3	-1
11-03-62 124652 353055 5-71					17		12,355	4.27	528							
143673 VO GRIN ACHEN 8OY.....*		2	14	1-35	16	2.1	11,919	4.18	498		27	26	-207	+.04	-4	-9
05-05-62 137432 208775 5-71					11		12,774	4.07	520							
143702 MILL8ROOK MEADOWS J.R.K.....*		2	13	1-43	15	2.7	11,970	3.97	475		0	27	-237	+.01	-8	-13
02-05-61 99252 366366 5-71					7		12,914	3.93	508							
143711 WELCOME IN FOND RENOWN.....*		3	10	2-31,32	14	2.2	13,015	4.06	528		9	28	-360	.00	-14	-21
01-22-63 135098 342759 5-71					7		14,544	4.07	592							
143718 MEADOW VIEW JUDD.....*		3	15	1-21	23	1.9	14,031	4.06	570		23	33	+9	.00	0	0
01-08-63 131138 383497 5-71					24		14,205	4.07	578							
143719 MEADOW VIEW KAYL.....*		1	22	1-42	22	1.7	11,084	3.96	439		14	24	-103	.00	-4	-6
12-17-62 128335 396593 5-71					14		11,433	3.97	454							
143737 GOLDEN 8ELLS CARSON.....*		3	7	1-41	10	1.2	12,530	4.06	509		67	23	+46	.00	+2	+3
10-14-62 138032 297295 1-71					9		12,338	4.05	500							
143753 GRANTSTEADS GRAND MASTER M....*		3	6	2-31,63	12	1.5	11,427	4.04	462		17	29	-113	.00	-5	-7
11-01-62 128917 293962 5-71					18		11,786	4.10	483							
143798 SHARON FARMS GRAND JADOT.....*		2	13	2-31,32	15	1.9	14,092	3.99	562		15	25	-21	.00	-1	-1
11-16-62 119793 410886 5-71					16		14,399	4.04	581							
143835 OSTVALS SHANES SENECA.....*	91-11	18	2	7-33,35,	27	1.9	13,229	4.11	544		22	58	+412	+.04	+22	+29
09-09-62 134723 337837 5-71				42,46,47	13		12,557	4.05	509							
143884 AVON VIEW TRIXIE LILASON.....*		1	22	1-31	22	1.2	10,610	4.00	424		18	22	-22	-.01	-2	-2
07-10-63 131528 284758 5-71					19		10,550	4.08	430							
143929 DUNCANS NETTIES JOE J.....*		2	22	1-43	24	2.0	13,961	3.94	550		25	27	+435	-.03	+14	+23
01-07-63 134074 226393 5-71					24		12,393	4.03	500							
143934 COLD SPRINGS DON MARKUS.....*		1	21	1-61	21	1.8	12,190	3.84	468		6	24	+118	.00	+5	+7
03-05-63 137736 363053 1-71					13		11,652	3.79	442							
143938 .....*		1	11	1-42	11	1.5	10,582	4.19	443		29	20	-393	+.02	-13	-21
5-71					13		12,560	4.10	515							
143975 GREEN PASTURES RED ROBIN.....		1	10	1-46	10	1.6	13,567	4.44	603		13	21	+382	+.03	+19	+26
02-20-63 130709 419665 5-71					8		11,646	4.40	513							
143989 MEADOW VIEW RHODAN.....*		6	9	2-42,72	19	1.6	12,363	3.74	462		17	33	-10	-.07	-9	-8
04-05-63 131138 383491 5-71					9		12,416	3.97	493							
143999 HARRIS HILL MARYS MANDARIN....*		2	26	2-16,21	28	2.5	16,834	4.07	685		4	29	+334	-.02	+11	+18
07-11-62 136479 383527 5-71					14		16,047	4.14	664							
144067 HEFTYS TUTOR LVA.....*		1	20	1-42	20	1.5	12,958	3.92	508		16	23	+133	+.02	+8	+10
09-21-62 139124 409399 5-71					25		12,406	3.80	472							
144094 AR8OR ROSE REGAL 8OUNCER.....		7	7	5-73,84,	18	1.1	13,405	4.16	558		0	33	-25	+.07	+7	+5
09-17-62 136022 368157 5-71				86,91,92	68		13,626	3.99	543							
144118 WELCOME IN PEERLESS M.....*		7	3	3-41,46,	11	1.6	13,833	4.20	581		25	34	+220	+.07	+17	+20
09-14-63 139127 222230 5-71				58	8		13,292	4.02	535							
144130 LA RAIN8OW FAROUK.....*		2	20	2-31,32	22	1.6	11,369	4.53	515		27	26	-348	+.12	0	-9
02-25-63 76059 413345 5-71					20		12,785	4.06	519							
144154 8ENEVOLAS JOYS JUM8O P.....*		3	16	1-51	21	1.7	11,790	4.07	480		0	29	+356	.00	+14	+21
09-29-62 136140 365769 5-71					18		10,357	4.10	425							
144155 8ENEVOLAS VELVAS SUPERIOR.....*		3	5	1-51	13	1.9	10,914	4.23	462		20	35	-117	+.04	0	-3
10-20-62 124652 284981 5-71					25		11,142	4.12	459							
144160 AR8OR ROSE CHAT JIM.....*		4	19	3-35,92,	24	1.3	13,254	3.93	521		9	27	-28	-.02	-3	-3
03-15-62 135099 246219 5-71				93	86		13,490	4.01	541							
144186 SHEL8URNE MAGISTRATE.....*		6	17	4-13,16,	26	1.4	16,133	3.80	613		4	30	+605	-.05	+18	+31
05-16-63 118619 299739 5-71				21,22	44		14,322	3.90	558							
144207 SHADY DRIVES JOE.....		2	14	1-23	16	1.8	14,437	4.14	598		25	25	+253	+.01	+12	+17
08-31-63 124609 311054 5-71					7		13,551	4.10	555							
144242 C.8. SIR GENERAL.....*		1	10	1-61	10	1.6	10,678	4.08	436		10	21	-89	+.02	-1	-3
09-08-63 136430 251140 1-71					14		10,997	4.00	440							
144279 EL-MAR SUPREME MANNY.....*		3	8	2-48,86	16	1.9	14,337	3.82	548	**	34		+186	-.12	-7	-1
09-09-62 124652 400996 5-71					31		13,963	4.15	580							
144283 LEES HILL NOBLE LANDLORD.....*		3	26	3-42,61,	30	1.6	12,456	3.86	481		17	27	+285	-.03	+8	+14
01-19-63 139036 415753 5-71				63	11		11,315	3.94	446							
144317 NORVIC DESTINY MARQUIS.....*		2	11	1-35	13	1.5	11,205	4.13	463		23	23	-214	+.01	-7	-11
03-31-63 118619 344691 1-71					14		12,129	4.11	499							
144320 NORVIC LILASONS ELKO.....*		1	11	1-46	11	1.6	13,402	3.95	530		0	21	+417	+.01	+18	+26
01-21-63 131528 374151 5-71					6		11,350	3.87	439							
144332 TELLEENS DESTINY ORVILLE.....*		2	17	1-42	19	1.7	13,778	3.96	546		11	26	+494	-.04	+15	+25
06-09-63 118619 244666 5-71					8		11,801	4.12	486							
144426 LEES HILL NOBLE 8ELSHAZZAR....*		5	6	3-51,52,	22	1.8	10,920	4.07	444		14	44	-450	+.03	-14	-23
02-27-63 139036 392640 5-71				58	24		11,916	4.00	477							
144496 ELM OAKS KITTY MASTER.....		1	15	1-42	15	1.7	10,846	4.10	445		36	23	-27	+.04	+4	+3
01-01-63 136429 335689 5-71					11		10,832	3.89	421							
144543 SHEL8URNE MILTON.....*		3	14	2-13,21	19	1.5	9,961	4.05	403		11	28	-373	+.03	-11	-19
11-26-63 139158 385608 5-71					19		11,201	3.93	440							
144567 MEADOW VIEW GRANT.....*		2	9	2-42,86	11	1.6	14,004	4.05	567		30	23	+64	+.02	+5	+6
01-08-63 131138 341225 5-71					17		13,893	3.97	552							

REGISTRATION NUMBER NAME OF 8ULL	STUD CODE	NUMBER OF HERDS	EFF OAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/OAU	REC/OAU HERDMATE	MILK	%	FAT	% 1ST INC	% REPT	PREDICTED DIFFERENCES MILK	%	FAT	$$
144568 MEAOOW VIEW DESTINY KANE.....*		3	10	1-33	14	1.7	12,928	4.32	558	21	26	+88	.00	+4	+6
07-01-63 118619 314771 5-71					8		12,629	4.33	547						
144591 WHITE CLOUD OAIRYBEES NOTA8LE.*		1	18	1-35	18	1.3	15,385	3.95	607	27	22	-174	-.02	-9	-12
08-07-63 139036 284581 5-71					15		16,624	4.04	671						
144633 MILKY WAY FIRSTCHOICE MINUTEMA*		2	9	1-81	11	1.3	15,476	4.04	625	40	21	+73	-.02	0	+2
11-15-63 138452 396383 5-71					15		15,462	4.18	646						
144647 NORVIC LILASONS IVANHOE.....*		1	11	1-46	11	1.5	13,253	4.20	557	9	20	+389	.00	+15	+23
04-26-63 131528 262643 5-71					9		11,241	4.30	483						
144652 HAWTHORNE LAIRO DIVIDEND.....*		1	13	1-31	13	1.9	13,334	4.02	536	23	23	-316	+.02	-10	-17
08-26-63 120448 207195 5-71					16		15,000	3.97	596						
144653 HAWTHORNE FONO HOPE.....*		2	23	1-74	25	1.2	13,386	3.76	503	27	24	+96	-.03	0	+2
08-26-63 135098 260243 5-71					17		13,075	3.90	510						
144692 WHITE CLOUO OORIS JASON.....*		4	13	3-21,22,	18	1.6	18,673	4.26	796	17	28	+812	+.03	+36	+51
12-26-63 125472 350955 5-71				35	15		16,135	4.26	687						
144695 CHAR-LOU COMET.....*		2	10	2-48,52	12	1.2	11,277	3.95	445	0	21	+163	-.01	+5	+8
07-08-63 140021 386149 5-71					20		10,322	4.01	414						
144741 LEES HILL REGAL COUNT.....*	23-11	18	2	4-21,22,	22	1.6	12,325	4.08	503	17	54	-7	.00	0	0
07-17-63 131096 317548 5-71				23,57	9		12,356	4.08	504						
144789 MOFFET MEAOOWS MARVIN.....*		3	13	1-48	17	2.2	11,040	4.07	449	**	29	+27	+.01	+2	+2
10-10-62 135095 311544 5-71					11		10,806	4.05	438						
144798 TUOLUMNE TREND.....*		1	14	1-93	14	2.1	13,311	4.47	595	21	24	-174	+.06	0	-5
03-11-63 137469 366771 5-71					40		14,246	4.29	611						
144905 NORVIC CUSTOM MAOE.....*		2	13	1-42	15	1.2	11,220	4.42	496	8	22	-120	+.09	+6	+2
08-09-63 140971 419907 5-71					11		11,714	3.98	466						
144910 NORVIC SUNWISE MAGIC.....		2	7	1-42	12	1.6	10,219	4.23	432	0	28	-285	+.02	-9	-15
09-04-63 124402 404003 5-71					6		11,131	4.17	464						
144914 CONNIE ELITE LADDIE.....*		2	8	2-42,91	10	2.3	11,483	4.08	468	20	25	-22	+.01	0	-1
06-20-62 131441 303740 5-71					13		11,505	4.07	468						
144944 BRIGHTS EMPIRE.....*	63-02	31	6	11-31,42,	84	1.2	12,138	3.95	480	18	71	-475	+.01	-18	-27
04-09-63 118619 434250 5-71				43,58,63	10		12,871	3.95	509						
144947 CEDAR VIEW KING REGAN.....*		1	30	1-48	30	1.1	10,763	4.03	434	86	23	+41	-.01	+1	+2
05-15-63 140683 427236 5-71					15		10,401	4.09	425						
144960 MEAOOW VIEW OESTINY ROC.....*	48-01	22	3	9-41,42,	41	1.3	11,396	4.12	469	19	64	-626	+.08	-16	-30
11-08-63 118619 361718 5-71				43,45,46	13		12,400	4.00	496						
144962 MEAOOW VIEW DESTINY MARC.....*		3	20	2-42,84	25	1.5	11,836	3.91	463	13	28	-98	-.03	-7	-8
05-21-63 118619 326401 5-71					27		12,190	4.02	490						
144983 VINE VALLEY PRANCERS LEADER...*	21-10	23	3	5-12,16,	38	1.4	13,474	3.90	525	22	62	+19	-.10	-11	-9
02-03-64 120448 369267 5-71				21,22,31	15		13,582	4.06	551						
144989 NAKOTA LANCELOT LANCER.....*		2	5	1-45	10	1.8	12,813	4.14	531	0	28	-495	+.02	-18	-28
01-02-64 131138 397825 5-71					8		14,884	4.11	612						
145002 V.8. VRONICKA UNITER.....*		8	2	2-41,42	12	1.6	10,425	4.12	430	8	38	-691	+.02	-25	-39
11-09-63 120699 402409 5-71					8		12,261	4.08	500						
145006 V.8. CZAR MONOPOLY.....*		1	13	1-42	13	1.1	14,825	3.88	575	36	19	+577	-.05	+17	+29
10-19-63 138150 375281 5-71					8		11,809	4.12	486						
145016 NORVIC DESTINY PRUDENTIAL.....*		3	12	2-42,74	16	1.3	12,653	4.08	516	13	25	-11	+.02	+2	+1
09-02-63 118619 340995 5-71					17		12,755	3.99	509						
145079 HEADS CREST HAZELS HANK.....*		1	22	1-73	22	1.5	10,285	4.04	415	7	23	-118	+.01	-3	-6
07-27-62 127853 280313 5-71					13		10,640	4.01	427						
145125 VINDO8ONA PEPPERS FLASHY.....*		2	27	1-51	29	1.8	14,153	4.08	578	8	27	+47	-.06	-5	-3
08-06-63 136140 395424 5-71					14		14,177	4.32	613						
145170 SHEL8URNE NEVILLE.....*		4	7	3-13,21,	12	1.8	15,711	3.95	621	18	28	+521	-.01	+20	+30
03-15-64 139158 385618 5-71				23	47		14,061	3.98	559						
145175 .....*		2	9	2-57,63	11	1.2	11,002	3.98	438	**	21	-118	.00	-5	-7
5-71					10		11,506	4.03	464						
145194 GREEN KNOLLS CZAR.....*		1	12	1-42	12	1.8	13,451	4.01	540	8	22	-71	.00	-3	-4
01-18-64 124403 357467 5-71					7		13,954	4.06	567						
145429 LUE-DELS REGAL.....*		1	13	1-41	13	1.9	12,178	3.83	466	0	23	-56	-.01	-3	-4
12-20-62 114123 379972 5-71					5		12,449	3.87	482						
145526 .....*		2	7	1-33	12	1.2	12,027	3.91	470	8	26	+94	-.05	-2	+1
5-71					7		11,599	4.14	480						
145537 PINE ACRES FIRM FOUNDATION....*		1	12	1-56	12	1.5	13,962	3.73	521	18	21	+52	-.01	+1	+2
11-08-63 139127 429018 5-71					17		13,882	3.75	521						
145544 GLORIOUS DESTINY.....*		1	11	1-42	11	1.0	12,027	4.44	534	20	18	+13	+.05	+7	+6
02-17-64 140930 375225 5-71					25		11,931	4.15	495						
145554 .....*		2	11	1-42	13	1.3	11,686	4.30	503	9	22	-8	+.05	+6	+5
5-71					11		11,674	4.09	477						
145634 DADS OWN MAINLINER.....*		5	3	1-42	11	1.0	9,799	3.99	391	78	29	-563	+.01	-22	-33
07-13-63 139385 422061 5-71					16		11,685	4.01	469						
145649 OSTVALS SHANES LA SALLE.....*		3	5	2-35,42	10	1.7	14,505	4.13	599	22	28	+301	+.01	+13	+19
01-01-63 134723 267303 5-71					16		13,569	4.13	560						
145722 TOP ACRES MONARCH T.....*		1	10	1-21	10	1.3	12,109	3.89	471	10	19	-144	-.01	-7	-10
02-01-64 133691 406431 5-71					7		12,943	3.98	515						
145781 WARWICK FARMS REGAL M.....*		1	22	1-31	22	1.4	13,304	4.17	555	9	23	+421	-.01	+16	+24
07-06-64 131096 411383 5-71					17		11,426	4.24	485						
145782 WARWICK FARMS LARRY.....*		2	13	1-31	17	1.9	12,268	4.13	507	9	27	+217	-.01	+8	+12
06-14-62 116273 351155 5-71					18		11,387	4.18	476						
145799 ELECTORS 808.....		1	17	1-41	17	1.4	11,484	4.10	471	**	22	-20	+.06	+7	+5
09-26-63 135485 420741 5-71					5		11,510	3.76	433						
145860 BRAD-LOU GI8RALTARS DUKE.....*		3	21	2-72,74	25	1.6	13,679	4.10	561	0	27	+56	+.01	+3	+4
04-08-63 116273 284577 5-71					21		13,614	4.09	557						
145881 ARNOLA 8ALUOOS PRINCE.....*		5	5	2-23,55	15	1.4	12,262	4.35	533	8	34	-98	+.08	+6	+2
08-19-63 132114 341751 5-71					11		12,587	4.13	520						
145939 8RIGHTS ROCKET D.....*		1	15	1-42	15	1.3	12,751	3.97	506	**	21	+200	-.03	+4	+9
09-02-63 133478 427964 5-71					8		11,756	4.13	486						

REGISTRATION NUMBER NAME OF 8ULL	STUD CODE	NUM8ER OF HERDS	EFF 0AU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... 0AUS	REC/DAU HM/DAU	MILK HERDMATE	% MILK	FAT	% FAT	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
145958 LEES HILL HIGH NOON.....*		2	8	2-22,51	11	1.4	13,592	4.30	584		9	24	+121	+.01	+6	+8
03-24-64 121816 325683 5-71					25		13,178	4.29	565							
146011 VANS RU8YS SPUTNIK.....*		1	15	1-42	15	1.4	13,524	4.27	578		7	21	+21	+.05	+7	+6
01-12-63 118619 339275 5-71					11		13,561	4.07	552							
146025 TUOLUMNE SUPREME SPARKLE.....*		1	25	1-93	25	1.4	15,101	4.34	655		17	23	+218	+.03	+13	+16
10-09-63 124652 379937 5-71					44		14,384	4.23	609							
146046 8REEZY HILL VIRGINIAN.....	35-75	1	17	1-52	17	1.4	17,793	3.94	701		7	22	+650	-.05	+20	+33
03-25-64 141750 410584 5-71					16		15,116	4.13	624							
146164 STAR8ROOKS MASTER.....*		1	12	1-21	12	1.4	11,106	4.20	466		**	20	-428	+.04	-12	-21
01-30-60 114123 349080 5-71					22		13,323	3.99	532							
146196 ARTHURST VERNAS SUPREME.....		3	8	1-42	13	1.0	10,961	4.17	457		**	24	-144	.00	-6	-9
02-10-63 124652 257213 5-71					3		11,488	4.22	485							
146214 8URSCHVILLES MARIE PAUL.....*		6	3	3-41,57,	11	1.5	13,173	3.92	517		0	33	+22	-.02	-1	0
04-01-62 123953 349812 5-71				81	9		13,208	3.99	527							
146227 OSTVALS IOEALS MERCURY.....*	35-21	39	3	7-33,35,	75	1.2	13,123	3.95	518		11	75	+321	-.10	0	+8
06-26-63 105449 267848 5-71				41,42,86	16		12,748	4.09	522							
146230 OSTVALS 80M8ADIER.....*		1	12	1-41	12	1.3	13,605	3.96	539		50	20	-172	-.01	-8	-11
05-14-64 105449 301821 5-71					15		14,714	4.04	595							
146292 SCOTWOOD SOVEREIGN.....*	48-01	12	3	6-41,48,	25	1.2	13,406	4.15	556		9	50	+540	+.07	+30	+39
03-17-64 131096 408297 5-71				81,86,92	17		12,346	4.02	496							
146388 SUGAR VALLEY STAROUST.....*		2	7	1-42	14	1.2	11,677	4.10	479		31	28	-140	+.05	0	-4
07-07-64 139127 228981 5-71					13		12,173	3.96	482							
146400 FOXTRACTS OESTY JU8ILANT.....*	21-10	9	1	3-13,14,	10	1.3	14,401	3.83	551		0	35	+424	-.11	+3	+13
07-01-64 118619 409797 5-71				21	17		13,288	4.13	549							
146456 .....*		1	12	1-64	12	1.3	11,949	3.95	472		17	20	-80	-.01	-5	-6
5-71					22		12,368	4.07	503							
146526 .....*		2	7	2-35,84	10	1.2	11,860	4.10	486		20	22	-179	+.02	-5	-9
5-71					11		12,719	4.06	516							
146590 CHIC-A-WILS COLONEL.....*		4	9	3-23,51,	18	1.4	10,744	4.21	452		0	33	-152	+.03	-2	-6
08-12-63 137334 150214 5-71				52	14		11,105	4.13	459							
146693 HEFTYS MELLO OEAN L.V.A.....*		6	4	4-42,46,	13	1.2	13,326	4.04	539		15	33	+613	.00	+24	+36
01-11-64 139124 409400 1-71				58,72	13		11,406	4.07	464							
146822 KA-CY ARLIES STATESMAN.....*	21-10	7	2	3-16,21,	10	1.5	12,216	3.88	474		22	34	-258	-.02	-13	-17
08-20-64 120448 337041 5-71				23	12		13,058	3.97	518							
146918 ILLINI COLONEL MAJOR.....*	61-02	19	2	6-31,32,	29	1.1	12,244	3.99	488		11	56	-22	-.05	-7	-6
05-03-64 102954 318282 5-71				33,61,74	16		12,294	4.09	503							
146945 WHITE CLOUD CHAMPION N.....*		4	6	3-22,31,	15	1.0	15,873	4.21	669		13	30	+192	-.04	+3	+7
03-20-65 102073 337837 5-71				33	18		15,572	4.34	676							
146947 WHITE CLOUD DOREENS OELEGATE..*	23-13	19	2	8-13,16,	25	1.0	15,055	4.00	602		8	53	+683	-.01	+26	+39
03-29-65 118619 405768 5-71				21,22,23	19		13,950	4.01	560							
147029 A8OVE ACRES SUPREME 8ILL.....*		2	9	1-42	11	1.2	12,037	3.93	473		18	21	-168	+.01	-6	-9
09-23-64 121816 317065 5-71					7		12,913	3.93	507							
147086 TWIN PINES DELMER.....*	61-02	7	2	3-33,61,	11	1.1	12,391	4.05	502		27	33	-190	.00	-8	-12
11-07-64 121816 378922 5-71				74	11		13,049	4.10	535							
147144 ROSELAWN TOPSYS TOPPER.....*	35-75	1	13	1-91	13	1.1	21,270	4.15	883		0	19	+844	-.02	+31	+48
09-01-64 124652 352631 5-71					20		17,445	4.28	747							
147172 .....*		3	11	3-35,57,	19	1.3	14,964	3.70	553		0	29	+436	-.01	+16	+25
5-71				58	35		13,610	3.66	498							
147207 8RIGHTS GOLOEN.....*	35-05	4	8	2-42,48	13	1.4	13,845	4.07	563		0	27	+368	.00	+15	+22
06-08-64 124652 434250 5-71					13		12,489	4.08	509							
147212 .....*		3	5	2-42,46	12	1.2	12,380	3.72	461		38	29	+26	-.02	-2	-1
5-71					7		12,299	3.81	468							
147216 GEMINI EO.....*		1	12	1-46	12	1.6	12,905	3.69	476		8	21	-42	-.03	-5	-5
06-26-64 109762 415035 5-71					8		13,208	3.85	508							
147232 VAN 8S O. J.....		1	10	1-47	10	1.8	11,206	4.24	475		0	21	+143	+.02	+8	+10
03-05-62 118619 395302 1-71					1		10,340	4.16	430							
147246 SWISSVALE GENERAL S.....*		4	10	2-51,58	18	1.3	11,075	3.86	427		24	30	-260	-.04	-15	-19
11-21-63 139591 304409 5-71					32		11,918	4.03	480							
147259 L-J TWILIGHT.....*		1	17	1-31	17	1.4	13,950	4.29	599		29	22	-66	+.02	0	-2
03-13-64 141750 368157 5-71					33		14,476	4.25	615							
147280 8ELL-SONS DESTINY GOVERNOR....*		3	10	3-21,22,	14	1.2	13,809	3.93	543		7	24	-102	-.02	-7	-8
12-24-64 118619 249780 5-71				31	27		14,465	4.04	585							
147364 MEADOW VIEW DESTINY KARA8.....*	61-02	32	2	7-31,32,	50	1.1	11,899	3.93	468		14	69	-327	-.10	-25	-29
11-21-64 118619 314771 5-71				33,58,74	11		12,391	4.09	507							
147407 ELLAN 8INGO REX.....*		3	5	3-22,42,	10	1.0	11,758	4.08	480		10	23	-2	+.02	+2	+2
01-28-64 138489 432093 5-71				91	14		11,724	3.99	468							
147508		1	10	1-41	10	1.2	9,825	3.92	385		20	19	-250	+.01	-9	-14
5-71					10		11,060	3.92	433							
147601 CEDAR VIEW MICHAEL.....		1	10	1-48	10	1.0	13,733	3.99	548		22	18	-336	+.01	-12	-19
05-30-65 131138 439763 5-71					9		16,021	3.98	637							
148104		1	14	1-84	14	1.1	14,217	3.92	557		0	20	+288	.00	+11	+17
5-71					8		12,815	3.92	502							
148266 SKYLINES SUPREME CHALLENGER...*		1	16	1-31	16	1.8	10,746	3.95	425		13	24	-461	.00	-19	-28
09-21-63 124652 347837 5-71					11		12,751	4.00	510							
148404 FRIENDLY ACRES SHAOOW.....*		1	11	1-32	11	1.0	14,892	4.08	608		18	18	+460	+.01	+20	+29
04-23-65 131528 177691 5-71					19		12,384	4.05	502							
148453 .....*		1	11	1-41	11	1.2	9,153	3.90	357		**	19	-282	-.01	-13	-18
9-70					9		10,463	4.04	423							
149136		1	10	1-52	10	1.1	9,418	4.22	397		**	18	-188	.00	-7	-11
5-71					7		10,263	4.22	433							
149305 CATUMP.....*		1	25	1-84	25	1.1	13,882	4.17	579		8	22	+192	+.03	+11	+14
03-14-64 112722 292737 1-71					19		13,110	4.07	534							
149306 .....*		1	10	1-84	10	1.0	14,802	4.07	602		0	18	+290	.00	+12	+17
5-71					27		13,269	4.08	542							

REGISTRATION NUMBER	NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	% 1ST FAT	REPT INC	PREDICTED DIFFERENCES % MILK	%	FAT	$$
149921	.....* 5-71		1	15	1-43	15	1.3	12,138	3.91	474	13	21	-41	.00	-2	-3
						29		12,354	3.96	489						
56WAD6701	 5-71		1	26	1-56	26	1.2	12,548	4.16	522	13	23	-125	+.06	+2	-2
						3		13,206	3.92	518						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	%	FAT	% FAT INC	1ST REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
79581 LA FRAISE DUKE 3D.....*	35-75	19	6	9-13,31,	57	1.9	10,400	3.98	414	20	68	+173	+.18	+25	+25
03-21-50 2213443 27761 5-71				41,42,91	8		10,162	3.72	378						
168495 NODAK WILO EYES.....*	41-01	7	10	4-21,41,	36	2.4	9,881	3.80	375	18	50	-21	+.02	+1	0
06-07-53 120361 70729 5-71				45,46	7		9,918	3.76	373						
171113 .....*		2	13	1-92	17	1.5	8,583	3.87	332	**	26	-253	+.03	-6	-12
5-71					6		9,520	3.77	359						
174687 GRASSY LANE GOLO8AR.....*	91-11	10	2	3-42,71,	17	2.1	9,858	3.57	352	33	46	+282	-.02	+8	+14
09-17-53 112761 22064 1-71				73	9		9,162	3.61	331						
176356 .....*		2	24	2-13,93	26	1.4	11,338	3.72	422	**	25	+123	+.01	+6	+8
1-71					35		10,936	3.66	400						
181531 LILYOALE CHAMPION OUKE 3O.....*	33-03	15	4	12-12,31,	32	2.3	10,448	3.82	399	10	59	+442	+.02	+19	+27
11-10-53 80394 11648 5-71				35,41,86	9		9,668	3.79	366						
189693 8ARRINGTON HAROY.....*	35-75	21	12	11-13,31,	74	1.6	10,533	3.68	388	**	63	+32	.00	+1	+2
05-23-54 2165380 113544 5-71				42,91,93	21		10,537	3.68	388						
190014 OOAN-S ROYAL KNIGHT.....*	34-01	9	4	4-32,34,	19	2.2	9,818	3.72	365	29	46	-120	+.04	-1	-4
05-29-54 22359 2353343 5-71				35,41	6		10,093	3.67	370						
192427 8ORG-S WILOEYES WATERLOO.....*	35-05	12	8	5-32,35,	48	2.1	8,887	3.70	329	7	60	-28	-.01	-2	-2
10-02-53 17280 2136694 5-71				41,42,48	17		8,819	3.74	330						
192957 8ARRINGTON WARRIOR.....*	41-01	6	16	2-35,41	29	3.1	9,722	3.84	373	**	38	+17	+.02	+3	+3
01-12-54 119 2341213 5-71					10		9,644	3.77	364						
195525 FLOYO CREST DAIRYMASTER.....*	35-75	20	9	11-23,31,	70	1.9	10,614	3.72	395	9	67	+592	-.01	+21	+33
09-29-54 128075 126961 5-71				41,42,91	7		9,700	3.74	363						
203661 WILLO LANE OAIRYMAN.....*	35-75	28	10	10-13,31,	100	2.2	9,971	3.64	363	17	73	+176	-.05	+1	+5
02-05-55 133185 2247564 5-71				32,41,42	7		9,700	3.71	360						
204667 EVERGREEN MINNIE CHAMP.....*		2	6	1-41	12	1.3	8,234	3.64	300	**	27	-83	.00	-3	-5
05-20-55 100851 103038 5-71					7		8,384	3.67	308						
209195 HILLROCK SENSATION.....*		2	25	1-45	27	3.4	8,327	3.71	309	4	29	-22	+.02	+1	0
01-25-55 102664 27673 5-71					7		8,232	3.63	299						
210413 FREKE8A MAJESTY EOWARO.....*		4	22	2-48,73	44	1.8	9,641	3.42	330	16	39	+114	-.04	0	+3
03-19-55 32926 86555 5-71					16		9,281	3.53	328						
225620 SALONA SEARCHLIGHT 6TH.....*	61-02	7	2	5-23,31,	13	1.9	8,524	3.71	316	18	41	-256	.00	-10	-15
12-04-55 12038 43302 5-71				32,33,42	7		9,060	3.75	340						
226765 JUPITERS PALERMO PRIDE.....*		3	21	2-35,41	41	2.6	9,210	3.91	360	20	41	-73	+.08	+5	+2
01-17-56 178412 2098230 5-71					5		9,324	3.69	344						
226966 LILYOALE DAGNEY SUPREME.....*		3	9	3-35,41,	13	2.0	10,727	3.59	385	11	27	+22	-.07	-6	-4
03-06-56 5656 11636 5-71				43	11		10,718	3.86	414						
228867 ERORA MAJESTY.....*	61-02	23	11	12-33,41,	85	1.7	11,195	3.47	389	22	67	+642	-.09	+14	+28
02-23-56 121249 2450309 5-71				42,48,73	11		10,268	3.58	368						
232133 LILYDALE DAGNEY RO8IN 2O.....*		11	8	6-31,43,	31	2.5	11,140	3.63	404	18	50	+385	-.03	+11	+19
08-26-56 5656 11633 5-71				47,48,71	16		10,418	3.68	383						
237987 LILYDALE MARTAS CHESS 7TH.....*	31-02	13	12	8-21,31,	42	3.1	10,500	3.50	368	10	53	-87	-.03	-6	-7
12-04-56 195223 199270 5-71				32,42,71	13		10,742	3.56	382						
242048 SILVER GIFT-S SUCCESSOR 2D....*		4	12	2-33,73	31	1.5	9,528	3.72	354	**	40	-12	+.01	+1	+1
04-12-57 130801 130803 5-71					5		9,513	3.68	350						
244327 SALONA REDCOAT 25TH.....*	35-21	5	13	4-23,35,	23	2.1	9,328	3.84	358	27	34	-189	+.03	-4	-8
03-23-57 8385 164757 5-71				41,47	14		9,871	3.77	372						
245645 8ORG-S DAIRY KING 4TH.....*		12	1	8-23,33,	14	2.2	9,288	3.65	339	0	47	-2	-.02	-2	-2
01-14-57 192427 2324130 5-71				35,41,42	13		9,219	3.71	342						
247628 THREE SPRINGS ARTHUR.....*	61-02	15	19	10-11,13,	63	2.1	9,214	3.66	337	13	51	-550	-.02	-22	-33
07-14-57 208220 11354 5-71				23,33,43	13		10,320	3.72	384						
248599 MAPLESIDE CHAMPION.....*		3	5	2-41,45	11	1.6	8,824	3.60	318	25	28	-47	-.01	-3	-4
12-22-57 158334 162126 9-70					13		8,887	3.68	327						
253683 RO8IN-S CINDY LOCHINVAR.....*	41-01	18	15	5-35,41,	67	1.9	9,785	3.65	357	26	56	-2	-.01	-1	-1
10-25-56 132852 183573 5-71				42,47,63	13		9,770	3.67	359						
253692 MYSTERY WINSOME PRINCE.....		1	13	1-11	13	2.5	7,778	3.70	288	18	24	-197	.00	-7	-11
05-22-58 243616 218021 5-71					13		8,471	3.72	315						
253954 GOLD MINE CAVALIER.....*		4	7	3-35,41,	13	3.9	10,396	3.67	382	0	36	+138	+.01	+6	+9
04-10-58 227482 172649 5-71				42	13		10,012	3.63	363						
254947 REDCOAT LOCHINVAR.....*	41-25	6	2	3-43,47,	11	1.9	9,980	3.82	381	**	36	-91	+.02	-1	-3
03-06-58 38714 207668 5-71				93	19		10,263	3.79	389						
255156 LILYDALE MARTA-S REDCOAT.....*		5	9	3-43,47,	23	2.1	10,685	3.72	397	9	41	+132	-.01	+4	+7
03-20-58 156327 8802 5-71				86	22		10,404	3.73	388						
258902 VALLEY VIEW HARDY 2D.....*		2	12	2-91,92	14	1.8	7,500	4.13	310	15	25	-524	+.07	-13	-24
09-16-58 234450 140134 5-71					3		9,585	3.82	366						
260385 LILYDALE DAIRYMAN 2D.....*		5	44	3-23,42,	55	1.8	10,230	3.63	371	12	31	+83	-.02	+1	+3
10-06-58 71726 141572 5-71				43	9		9,960	3.67	366						
260794 SPRING 8ROOK RO8IN HOOD.....*	33-03	24	7	15-11,21,	63	1.6	10,766	3.66	394	16	66	+10	-.02	-2	-1
12-23-58 101321 118845 5-71				32,41,71	10		10,836	3.70	401						
262578 VOLGA-S ROYAL COMMANDER.....*		2	21	2-35,42	23	2.7	9,895	3.71	367	0	29	-20	-.02	-3	-3
12-14-58 222385 154023 5-71					11		9,966	3.84	383						
262989 JOSEPH.....*		7	7	4-35,41,	22	1.7	9,047	3.68	333	20	41	+2	-.01	-1	-1
05-01-58 165249 64685 5-71				42,47	7		8,939	3.73	333						
263279 INNISFAIL HARDY 50TH.....*	93-01	3	10	2-91,93	22	1.3	9,744	3.67	358	8	34	-204	+.03	-5	-9
09-05-58 189693 175184 5-71					25		10,395	3.63	377						
263867 PLEASANT CHARMER.....*		1	35	1-41	35	2.5	8,673	3.86	335	4	28	-179	+.03	-4	-8
09-10-58 111053 154931 5-71					5		9,236	3.80	351						
265359 8ARRINGTON LEGACY.....*	21-10	6	4	5-11,12,	11	1.6	9,431	3.75	354	**	31	-152	+.03	-3	-6
12-23-58 2165380 164075 5-71				13,14,73	11		9,912	3.71	368						
266153 PINESEDGE 8UTTER 8OY 6TH.....*		3	7	3-23,42,	10	1.9	9,385	3.31	311	0	25	-223	-.07	-15	-18
09-06-58 116287 173450 5-71				43	14		10,324	3.63	375						
268432 .....*		1	21	1-42	21	1.1	8,451	3.73	315	12	22	-213	+.01	-7	-11
5-71					5		9,389	3.75	352						
268485 SILVER VALLEY DOU8LE.....*		3	16	1-42	20	2.2	7,978	3.74	298	42	28	-422	+.02	-14	-23
04-25-59 222725 227880 5-71					8		9,440	3.72	351						

REGISTRATION NUMBER NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	1ST % INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
269476 TWILDO M.K. PRIDE.....*		2	28	1-42	30	2.3	9,723	3.66	356	32	28	+106	.00	+4	+6
12-16-58 109134 198413 5-71					6		9,272	3.67	340						
271253 TWILDO DOUBLE ROBIN HOOD.....*	33-03	3	18	3-21,31,	27	2.4	9,315	3.73	347	5	33	-47	+.01	-1	-2
08-01-59 38714 25780 5-71				33	14		9,403	3.73	351						
272008 BORG-S DAIRY KING 5TH.....*	35-75	2	17	1-35	34	1.8	10,412	3.65	380	18	38	+102	-.03	+1	+3
09-27-59 192427 2324130 5-71					8		10,162	3.71	377						
272010 BORG-S IFORD EARL GWYNNE.....*		2	28	1-73	32	1.6	7,367	3.57	263	0	27	-382	+.02	-12	-20
04-05-59 192800 227270 5-71					5		8,652	3.50	303						
272215 LILYDALE DAIRYMAN 4TH.....*		11	11	7-23,43,	45	2.0	11,384	3.52	401	7	54	+115	-.03	+1	+4
07-24-59 71726 141564 5-71				47,71,73	13		11,303	3.56	402						
272421 ADAM.....*	35-21	5	8	3-41,42,	17	1.4	9,117	3.48	317	33	32	-190	-.02	-9	-12
08-07-59 225278 2349740 5-71				43	8		9,681	3.55	344						
273218 EAGLE EYE ADMIRAL.....*		2	10	2-11,12	12	3.0	8,183	3.62	296	27	27	-167	-.01	-7	-10
12-02-58 183510 134324 5-71					12		8,686	3.71	322						
275109 FLINTSTONE PIONEER.....*		4	12	3-14,47,	23	2.0	9,063	3.74	339	23	36	-133	-.02	-7	-9
04-25-59 214854 71280 5-71				51	8		9,380	3.83	359						
275861 CLAYSIDE ROYAL CLAY.....*		7	9	5-41,42,	20	1.7	10,498	3.59	377	29	36	-169	+.03	-3	-7
01-14-60 247566 93444 5-71				43,71,73	17		11,087	3.52	390						
276982 ROSE-MONT ADAIR.....*	41-01	9	2	6-11,41,	13	1.4	9,278	3.63	337	13	39	-281	-.04	-14	-19
02-10-60 233921 126089 5-71				42,43,48	8		10,005	3.75	375						
278101 WEG ACRES BARRINGTON TULIP....*	91-11	2	17	2-31,35	19	1.7	9,551	3.50	334	20	25	+4	-.01	-1	-1
06-13-59 127672 204388 5-71					20		9,484	3.58	340						
279238 .....*		2	9	2-35,86	11	2.0	9,891	3.47	343	20	24	+17	-.04	-3	-2
5-71					19		9,803	3.64	357						
279974 QUEENSDALE LILY-S BUFORD.....		2	9	1-84	16	1.3	10,339	3.76	389	60	29	-47	-.03	-5	-5
03-15-60 249592 128815 5-71					4		10,562	3.93	415						
280827 MINN DAGNEY DAMON.....*		1	10	1-41	10	1.7	10,764	3.77	406	33	20	+121	.00	+5	+7
08-17-60 226966 5413 5-71					9		10,188	3.77	384						
282433 .....*		4	4	2-35,41	11	1.8	10,480	3.56	373	44	31	+126	-.05	0	+3
5-71					7		10,076	3.72	375						
282755 .....*		1	16	1-41	16	1.9	10,278	3.66	376	9	24	+107	-.03	+1	+4
5-71					9		9,816	3.77	370						
283230		1	10	1-73	10	2.4	8,655	3.79	328	11	23	-155	+.06	0	-4
5-71					25		9,273	3.53	327						
283433 .....*		4	14	1-41	26	2.0	10,298	3.58	369	13	36	-156	.00	-6	-9
5-71					7		10,814	3.62	391						
283439 SIGNET-S RED ROBIN.....*		2	8	1-42	11	2.0	9,827	3.53	347	0	26	+75	-.04	-1	+1
08-21-60 99948 29079 5-71					5		9,487	3.70	351						
285104 FLINTSTONE MERCURY 2D.....*		2	6	1-14	12	1.8	8,360	3.83	320	20	29	-262	+.02	-8	-13
09-16-60 161052 79857 5-71					11		9,181	3.79	348						
288229 .....*		1	10	1-23	10	1.3	9,892	3.60	356	**	19	-63	+.02	0	-2
1-71					11		10,257	3.52	361						
288356 BORG-S MASTERSON DUKE.....*		1	12	1-73	12	1.9	8,367	3.51	294	**	22	+10	.00	0	0
10-27-60 230275 243131 5-71					8		8,139	3.50	285						
288484 ELKNIH REDCOAT ROBIN.....*		2	7	2-42,47	13	1.5	8,259	3.86	319	46	28	-155	+.04	-2	-6
07-24-60 208644 73651 5-71					10		8,680	3.76	326						
288548 FOXDALE PEERLESS REDCOAT.....		2	15	1-73	22	1.9	11,273	3.23	364	**	31	+389	-.05	+9	+18
12-10-60 258702 37819 5-71					8		10,005	3.30	330						
288871 .....*		3	9	1-73	13	1.9	9,069	3.53	320	**	27	+68	-.02	+1	+3
5-71					10		8,688	3.56	309						
289286 .....*		6	8	1-41	28	1.9	10,749	3.66	393	24	46	+275	+.01	+11	+16
5-71					8		10,174	3.63	369						
289924 .....*		1	17	1-35	17	1.6	9,028	3.60	325	20	23	-187	.00	-7	-11
5-71					15		9,836	3.65	359						
290074 .....*		2	9	1-42	16	1.8	9,188	3.62	333	33	31	-166	.00	-6	-9
5-71					8		9,695	3.66	355						
290454 .....*		3	7	2-35,41	16	2.0	9,581	3.65	350	17	35	-30	-.05	-6	-6
5-71					14		9,636	3.83	369						
290495 .....*		6	17	5-23,41,	29	1.5	10,916	3.63	396	**	33	+51	-.01	+1	+2
5-71				47,91,93	31		10,850	3.65	396						
291166 .....*		1	17	1-71	17	1.4	10,238	3.44	352	33	22	+129	-.03	+2	+5
5-71					18		9,617	3.51	338						
291337 .....*		1	22	1-34	22	2.0	9,605	3.46	332	7	26	-51	+.02	0	-1
5-71					2		9,791	3.38	331						
292879 MYSTERY PIMPERNEL COUNT 2D....*		2	20	1-41	22	1.8	10,351	3.73	386	25	27	+320	+.02	+14	+20
09-14-61 242406 246890 5-71					14		9,049	3.64	329						
292885 MINN. FOURTH FLAME.....*	41-01	5	3	5-21,41,	13	1.7	9,428	3.82	360	0	38	-161	+.06	0	-4
04-05-61 206854 208701 5-71				42,45,46	9		9,840	3.69	363						
293041 WINGHILL EMBLEM 4TH.....*		3	36	2-43,71	42	1.9	10,638	3.87	412	25	30	-3	-.01	-1	-1
04-16-59 010352221 010004023 5-71					13		10,727	3.96	425						
295692 .....*		2	6	1-33	11	1.3	10,764	3.61	389	33	27	+399	-.03	+12	+20
5-71					5		9,179	3.70	340						
295856 .....*		1	20	1-42	20	1.5	10,096	3.55	358	**	23	+253	.00	+9	+14
5-71					9		8,902	3.53	314						
295919 .....*		1	23	1-93	23	1.5	11,406	3.66	418	21	24	+169	+.01	+7	+10
5-71					39		10,777	3.65	393						
296209 .....*		2	11	2-47,71	13	2.1	9,646	3.57	344	0	26	-102	+.04	0	-3
5-71					17		10,056	3.43	345						
296827 BROADVIEW F-S REWARD.....*		2	20	1-42	22	1.5	10,358	3.58	371	14	25	+174	-.01	+5	+9
04-20-61 264755 95873 5-71					2		9,626	3.60	347						
296955 .....*		1	10	1-11	10	1.7	10,808	3.86	417	**	21	+18	-.01	0	0
5-71					3		10,806	3.93	425						
297935 .....*		5	6	2-35,42	19	1.4	8,847	3.68	326	36	37	-287	+.03	-8	-14
9-70					5		9,576	3.64	349						

REGISTRATION NUMBER	NAME OF BULL	STUD CODE	NUMBER OF HEROS	EFF DAU /HO	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HEROMATES ... DAUS HM/DAU	REC/DAU HEROMATE	MILK	%	FAT	% 1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
298479	*		7	5	5-41,42,	24	1.5	8,396	3.94	331	**	47	-564	+.07	-14	-26
	5-71				46,47,73	9		9,548	3.79	362						
299803	*		4	7	3-35,41,	12	1.2	10,425	3.84	400	13	25	+168	+.02	+8	+11
	5-71				42	16		9,732	3.79	369						
301131	*		7	3	4-43,47,	14	1.4	11,200	3.54	396	36	38	+72	-.02	+1	+3
	5-71				71,86	15		11,122	3.55	395						
301205	*		3	17	1-41	21	1.7	10,526	3.61	380	13	27	+199	-.03	+4	+8
	5-71					6		9,777	3.72	364						
302366 KEREONE AOVENT	*		5	15	4-35,41,	22	1.8	11,595	4.07	472	13	30	+125	+.11	+16	+17
07-15-51 010016172 010038174	5-71				42,43	12		11,316	3.75	424						
302465	*		2	9	2-23,31	12	1.8	7,968	3.65	291	18	25	-141	.00	-5	-8
	5-71					3		8,370	3.67	307						
302767	*		1	12	1-35	12	1.7	9,468	3.82	362	0	22	-19	+.05	+4	+3
	5-71					13		9,512	3.58	341						
303727	*	35-21	5	18	3-42,47,	25	1.7	10,658	3.79	404	7	30	+252	-.02	+7	+12
	5-71				86	8		9,809	3.88	381						
304137	*		3	9	1-47	17	1.5	8,814	3.86	340	18	31	-177	+.07	0	-5
	5-71					6		9,333	3.64	340						
304430 KAIWAREHOU OUKE	*		4	20	3-35,41,	26	1.9	13,363	3.62	484	4	29	+667	-.08	+16	+31
09-10-53 010017915 010040978	5-71				43	8		11,210	3.89	436						
304750	*		3	18	3-32,35,	23	1.5	12,518	3.68	461	13	28	+317	.00	+12	+18
	5-71				41	13		11,532	3.67	423						
306246	*		11	2	10-23,35,	18	1.4	11,105	3.57	396	0	48	+101	-.01	+3	+5
	5-71				43,45,71	17		10,994	3.57	392						
307426	*		1	10	1-42	10	1.8	8,688	3.56	309	**	21	-95	+.02	-2	-4
	5-71					11		9,047	3.51	318						
308113			1	10	1-73	10	1.4	10,510	3.60	378	10	20	+246	-.02	+7	+12
	5-71					27		9,173	3.70	339						
308395	*		2	9	2-35,43	11	1.5	10,063	3.59	361	**	22	-1	.00	0	0
	5-71					15		10,083	3.57	360						
308992	*		2	8	1-71	10	1.2	9,865	3.38	333	33	21	+181	-.06	+1	+6
	5-71					12		8,870	3.64	323						
311970	*		3	10	1-41	15	1.8	12,799	3.44	440	8	29	+316	-.08	+3	+11
	5-71					6		11,897	3.66	436						
312671	*	61-02	7	7	3-41,91,	21	1.3	10,656	3.65	389	16	39	-63	+.01	-1	-2
	5-71				93	26		10,914	3.64	397						
312720	*		5	5	4-32,47,	13	1.5	13,371	3.49	466	0	33	+656	-.03	+21	+34
	5-71				71,73	15		11,524	3.52	406						
313022	*		2	7	1-41	14	1.2	10,875	3.63	395	30	28	-75	+.03	0	-2
	5-71					8		11,271	3.58	403						
314912			1	12	1-73	12	1.0	8,120	3.73	303	50	19	-189	+.02	-5	-9
	9-70					24		9,048	3.65	330						
315375	*		2	24	1-41	28	1.6	9,960	3.62	361	9	28	+16	-.01	0	0
	5-71					16		9,893	3.67	363						
316365	*		1	10	1-34	10	1.1	10,844	3.84	416	57	18	+111	+.04	+8	+10
	5-71					4		10,265	3.61	371						
317993	*	35-21	2	8	1-42	10	1.2	12,061	3.92	473	0	21	+311	+.03	+15	+21
	5-71					13		10,606	3.82	405						
318395	*		1	10	1-91	10	1.0	9,701	3.82	371	0	18	+250	.00	+9	+14
	5-71					8		8,099	3.90	316						
318628	*		2	6	2-23,73	10	1.0	9,775	3.80	371	0	23	-90	.00	-3	-5
	1-71					15		10,200	3.82	390						
319171	*		2	11	2-35,41	13	1.4	10,444	3.99	417	23	23	-69	+.05	+2	0
	5-71					10		10,836	3.80	412						
319307	*		1	11	1-42	11	1.1	11,367	3.82	434	27	19	+281	+.03	+14	+19
	5-71					21		9,842	3.66	360						

REGISTRATION NUMBER / NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS HM/DAU	REC/DAU HERDMATE	MILK	%	FAT	%	1ST INC	REPT %	PREDICTED DIFFERENCES MILK	%	FAT	$$
208 TETRA PAK 610 DANA.....	34-01	8	32	2-32,34	53	2.7	13,815	3.87	534		2	39	+320	-.02	+10	+17
12-15-57 010024798 212 5-71					14		12,983	3.91	507							
210 TETRA PAK 619 HOJA.....	34-01	11	16	2-32,34	96	2.3	13,013	3.87	504		28	66	+44	-.01	0	+1
01-16-58 010026148 010000013 5-71					11		12,921	3.90	504							
211 TETRA PACK 574 DAN.....	34-01	9	8	2-32,34	46	1.7	12,163	3.80	462		31	58	-458	-.06	-25	-33
09-29-57 010024492 010000011 5-71					12		12,929	3.91	506							
232		2	37	2-32,34	39	1.6	14,445	3.93	568		17	27	+175	.00	+7	+10
5-71					19		13,864	3.92	544							

MIXED

USDA-DHIA SIRE SUMMARY LIST FOR MAY 1971.

REGISTRATION NUMBER	NAME OF BULL	STUD CODE	NUMBER OF HERDS	EFF DAU /HD	STATES NO- WITH MOST DAUS	... DAUGHTERS AND HERDMATES ... DAUS	REC/DAU HM/DAU	MILK HERDMATE	% MILK	% FAT	1ST FAT	REPT % INC	PREDICTED DIFFERENCES MILK	%	FAT	$$
23ADU1550	5-71		1	10	1-23	10	1.6	11,954	3.89	465	**	20	+104	+.02	+6	+8
						2		11,224	3.83	430						

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